

AIDS Morbidity and Mortality in New York State

More than 84,000 AIDS cases were diagnosed and reported in New York State through the end of 1994. New York State leads the country in cumulative AIDS incidence; cases diagnosed in New York State account for over 19 percent of the 441,528 AIDS cases reported in the United States. Compared to total United States cases, a greater proportion of New York State cases are among injecting drug users (IDUs) (46.3% vs. 24.8%), women (20.1% vs. 13.9%), and people of color (68.2% vs. 51.5%).

Implications of the 1993 Expanded AIDS Surveillance Case Definition

The Centers for Disease Control and Prevention (CDC) expanded the AIDS surveillance case definition for adults (age 13 and older) with HIV infection to include three additional AIDS-defining opportunistic conditions — pulmonary tuberculosis, recurrent pneumonia and invasive cervical cancer — effective January 1, 1993. The new case definition also includes the immunologic criterion of severe immunodeficiency, defined as a CD4+ T-lymphocyte count less than 200 cells per cubic millimeter, or less than 14 percent of total lymphocytes. The expanded case definition retains the 23 clinical conditions for adults included in

the previous definition published in 1987.

More than 19,000 new cases were confirmed under the new criteria in the first two years after the implementation of the expanded case definition, compared to approximately 14,000 cases that met the previous case definition criteria. The majority (81%) of the cases reported under the expanded criteria were severe immunodeficiency cases. The remaining cases reported under the expanded definition were diagnosed with pulmonary tuberculosis (15%), recurrent pneumonia (3%) and invasive cervical cancer (0.3%).

The characteristics of adult cases reported in 1994 that met only the criteria added in 1993 differed from those of cases with conditions included in the earlier case definition. Cases having only conditions added in 1993 were more likely to be women, IDUs and black or Hispanic compared to cases meeting the previous case definition.

Presentation of Adult AIDS Trends

The immunologic criterion of the 1993 definition of AIDS permitted a substantial number of AIDS diagnoses to be made

before occurrence of the first opportunistic condition. These cases were effectively diagnosed earlier in the spectrum of HIV disease than other AIDS cases diagnosed under the old case definition. The effect of this new criterion was to create a bolus of cases around the year 1993 and to produce a large apparent increase in AIDS cases after 1993. To compensate for the effect of the bolus of cases, a procedure developed by the CDC was employed to estimate the AIDS epidemic curve as though there had been no change in the case definition in 1993. This procedure uses data from the Adult Spectrum of Disease Study¹ to estimate the dates when persons satisfying only the immunologic criterion of the 1993 definition would have developed opportunistic conditions and met the 1987 definition.

All line graphs in this section which present adult AIDS cases over time utilize data modeled by this procedure. These curves represent an estimate of the epidemic trends under the 1987 definition of AIDS (had the case definition not undergone an expansion). A smoothing technique was applied to these curves in six-month intervals.² The resulting curves reduce the effect of monthly variation and allow a visual assessment of

trend. All tables show actual (nonmodeled) case numbers.

Geographic Distribution

AIDS case incidence rates vary widely by geographic region. In New York City, for example, which has reported over 80 percent of total New York State AIDS cases, the cumulative case rate per 100,000 persons ranges from 390.3 in Richmond County (Staten Island) to 1,886.0 in New York County (Manhattan). However, in some neighborhoods, cumulative case rates have been noted to far exceed 3,000 cases per 100,000 residents. In the rest of the state, case rates are markedly lower, ranging from 5.9/100,000 in Allegany County to 275.7/100,000 in Sullivan County.

AIDS case trends also vary by geographic region. For example, in New York City and surrounding counties, numbers of cases attributed to injecting drug use surpassed those among men who have sex with men (MSWM) in the late 1980s. In the rest of the state, cases of MSWM have outnumbered cases of IDUs until 1992, when injecting drug use became the leading exposure category.

Men Who Have Sex with Men

More than 29,000 AIDS cases have been reported to date among MSWM, of whom 85 percent are residents of New York City. Trends in new AIDS cases among MSWM vary by race and ethnicity. Although the majority of MSWM cases have been among white men, the proportion of minority MSWM cases has been increasing over time. In 1993 and 1994, more than half of all new AIDS diagnoses in MSWM were among blacks and Hispanics. This trend is especially pronounced in New York City, where the number of cases in non-Hispanic white men appears to be declining.

Injecting Drug Users

One-half of all new AIDS cases reported in New York State in 1994 were attributed to use of injection drugs. Injecting drug use accounted for 55.1 percent of all new cases among blacks, 59.9 percent of new cases among Hispanics and 51.2 percent of new cases among women in New York State.

Nearly one-half of cumulative AIDS cases in New York State are directly attributed to injecting drug use, including 39,041 cases in IDUs and 2,688 MSWM and inject drugs. Heterosexual HIV transmission from individuals with a history of injecting drug

use accounts for an additional 3,146 AIDS cases, of whom 92.7 percent are female. Over 80 percent of pediatric AIDS cases in New York State result from maternal transmission of HIV from a woman with a history of injecting drug use (54.9%), or who reported sexual contact with an IDU (26.7%).

Heterosexual Transmission

Heterosexual contact accounted for 10.2 percent of AIDS cases reported in 1994. To date, 5,358 AIDS cases in New York State have been attributed to heterosexual HIV transmission; more than half of these have been reported in the last two years. Although women account for 88 percent of heterosexually acquired cases, male cases have been increasing steadily as a proportion of the total, accounting for 21.6 percent of heterosexually acquired cases diagnosed in 1994.

Fifty-nine percent of total heterosexually acquired AIDS cases in New York State are attributed to sexual contact with an IDU, and 7 percent are attributed to heterosexual contact with a bisexual man. For 35 percent of cumulative heterosexually acquired cases, the HIV risk of the infected partner is either not known or not reported. Many of

these cases may be heterosexual partners of IDUs whose risk was not known to the partner or not reported to the AIDS Registry.

Blood Transfusion and Blood Product Cases

New York State continues to receive reports of new AIDS diagnoses among individuals who received blood and blood products prior to the implementation of HIV antibody screening procedures for donated blood in May 1985. In 1994, 44 new AIDS cases were reported in adult hemophiliacs who received blood products, and one case was reported in a hemophiliac under the age of 13, bringing the cumulative total among hemophiliacs to 215 adults and eight children. In addition, 18 adult and three pediatric cases were reported in 1994 among individuals who received blood transfusions, for a total of 477 adult and 37 pediatric transfusion-related cases.

To date, 66 AIDS cases have been reported among sexual contacts of hemophiliacs (n=10) or individuals receiving blood transfusions (n=56). Nine children were infected through maternal transmission of HIV from mothers who had received blood transfusions (n=7) or reported sexual contact with a transfusion recipient (n=2).

Individuals for whom Exposure Category is Undetermined

HIV exposure category has not been determined for 5,766 adult AIDS cases reported in New York State (7.0% of total cases). Included in these are 1,596 cases reported in 1994 whose exposure category was not determined by year end and is still under investigation. This category also includes nearly 1,000 cases originally classified as "Born in Pattern II Country." The Pattern II classification presumed heterosexual transmission for individuals born in countries in which heterosexual exposure is believed to be the predominant route of HIV transmission; this classification was discontinued as an accepted HIV exposure category in 1993. The great majority of the remaining cases now classified as "Undetermined" is among individuals for whom information on potential HIV risk factors is unavailable.

Of the 1,600 cumulative AIDS cases reported among children under the age of 13 in New York State, 59 (3.7%) had an undetermined HIV exposure category as of the end of 1994, of which 10 were reported in 1994.

AIDS Among Women

AIDS cases in New York State women account for nearly 30 percent of total United States

cases among women. With 16,165 cases reported through 1994 in New York State, women account for one-fifth of all cases diagnosed to date and comprise an increasing proportion of AIDS cases in New York. For example, of cases diagnosed in 1994, 25.0 percent were women, compared to 19.8 percent in 1990 and 10.3 percent in 1985. Among young New York State residents aged 13 to 19, women make up more than half of AIDS cases diagnosed since 1992.

Sixty percent of New York State cases among adolescent and adult women were attributed to injecting drug use, and more than a quarter to sexual contact with an infected man. Heterosexual contact is an increasingly important mode of transmission to New York State women, and accounted for 34 percent of cases diagnosed in 1994. More than 80 percent of AIDS cases among women are among women of color (black, 52.2%; Hispanic, 31.0%).

Race/Ethnicity

People of color continue to bear an increasingly disproportionate burden of the AIDS epidemic in New York State. Of total cases diagnosed through 1994, 68.2 percent are among blacks (39.6%) and Hispanics (28.6%). Of new cases reported in 1994, 43.2

percent are black and 30.9 percent are Hispanic.

Recent population-based AIDS incidence rates underline the severity of the epidemic among people of color. In the period 1991-1993, for every 100,000 blacks in New York State, 577.8 were reported with AIDS. Among Hispanics, the rate was 460.8 per 100,000. These rates compare to 74.7 cases per 100,000 whites in the same period. Incidence rates in other races were lower, at 27.9 per 100,000 Asians and Pacific Islanders, and 23.7 per 100,000 for Native Americans and Alaskan natives.

Blacks and Hispanics account for 83.2 percent of AIDS cases diagnosed among women (52.2% black, 31.0% Hispanic), 89.0 percent of pediatric cases (53.8% black, 35.2% Hispanic), 82.2 percent of IDUs diagnosed with AIDS (46.7% black, 35.5% Hispanic) and 82.4 percent of cases acquired through heterosexual contact (47.4% black, 35.0% Hispanic). Blacks have accounted for the largest proportion of total annual incident cases since 1988 in New York State, while Hispanics have accounted for the second largest proportion since 1991.

Whites are heavily represented among MSWM (55.6%), hemo-

philiacs (76.7%) and transfusion recipients (62.5%). Thirty-one AIDS cases have been reported among Native Americans, and 447 among Asian/Pacific Islanders in New York State. The majority of cases among Asian/Pacific Islanders (63.1%) are MSWM.

Age at Diagnosis

Of cumulative cases diagnosed in New York State, 1.9 percent were under 13 years old, 0.3 percent were ages 13-19, 13.9 percent were 20-29, 45.1 percent were 30-39, 27.8 percent were 40-49 and 11.0 percent were 50 and older at diagnosis. Among adult AIDS cases, mean age at diagnosis has gradually increased over time, from 36 years in 1982 to 39 years in 1992 through 1994. This aging trend may be related to longer periods between HIV infection and AIDS diagnosis rather than increasing age at infection. Over 35 percent of cumulative AIDS cases in New York State have been age 40 or older at the time of AIDS diagnosis.

Some demographic characteristics of AIDS cases vary by age. Both the percent female and the percent minority race/ethnicity decrease with increasing age group. For example, one-third of AIDS cases among adolescents/

young adults (ages 13-24 years) are female, compared to only 15.2 percent among AIDS cases diagnosed at age 55 or older. Similarly, more than three-quarters of adolescent/young adult AIDS cases are among people of color, compared to 61.2 percent among those diagnosed at age 55 or older.

Adolescent and Young Adult Cases

Through 1994, 2,322 AIDS cases among adolescents and young adults (aged 13-24) have been reported in New York State, of which 90.5 percent were aged 20-24 at the time of diagnosis. However, because of the average 10-year incubation period between HIV infection and AIDS diagnosis, many receiving AIDS diagnoses in their twenties were probably infected with HIV in their teens. Of these 2,322 cases, 37.3 percent are MSWM, 32.7 percent are IDUs and 15.3 percent are cases attributed to heterosexual contact.

Among adolescent and young adult women, heterosexual contact has become the predominant HIV exposure, accounting for 44 percent of cases diagnosed in the period 1990-1994. Injecting drug use accounts for 38 percent of cases in this group. More AIDS cases

were diagnosed among women aged 13-19 than among men.

Modeled trends data resulting from the 1993 case definition change indicate fluctuations in recent years. These fluctuations may be artifactual in part because of the relatively small numbers of cases diagnosed in each six-month period.

Pediatric AIDS Cases

Through 1994, 1,600 AIDS cases in children under the age of 13 have been reported in New York State, representing more than a quarter of all pediatric cases reported in the United States. Of New York State cases, the majority (80.0%) are under the age of five when diagnosed with AIDS. Over half of all pediatric AIDS cases in New York State are black (53.8%) and 35.2 percent are Hispanic. As with adult cases, most pediatric AIDS cases are residents of New York City (88.1%).

Of total pediatric AIDS cases, 1,496 cases (93.5%) have been attributed to maternal HIV transmission. The mothers of these children were themselves infected primarily through personal use of injecting drugs (54.9%) or through sexual contact with an IDU (18.7%). Of maternally transmitted pediatric AIDS

cases, the majority (81.3%) suffered their first AIDS-defining illness before the age of five. However, increasing proportions of children infected with HIV perinatally are being reported with AIDS at five years of age or older. For example, of perinatally infected cases reported in 1994, 28.9 percent were age five or older, compared to 10.8 percent of cases reported prior to 1990.

Diagnoses Associated with AIDS

Of cumulative AIDS cases in New York State, *Pneumocystis carinii* pneumonia (PCP) continues to be the single most frequently reported AIDS-defining opportunistic infection among both pediatric and adult cases and for all major HIV exposure categories. More than 31,000 adult AIDS cases had PCP as an initial AIDS-defining condition. However, as prophylaxis against PCP is used successfully in increasing numbers of HIV-infected individuals, other opportunistic conditions have become more frequently reported as the initial AIDS-defining illness. Of recently reported cases, severe immunodeficiency (added to the AIDS case definition in 1993) has been the leading AIDS-defining condition at diagnosis with more than

17,000 cases reported under this criterion.

Since the AIDS case definition change in January 1993, pulmonary tuberculosis has been reported as an initial AIDS-defining illness in 3,351 cases, recurrent pneumonia in 735 and invasive cervical cancer in 73.

AIDS Cases Among New York State Prisoners

AIDS is the leading cause of death among inmates of the New York State correctional system, which has reported 2,879 cases among inmates through 1994. The majority (87.8%) of total cases were reported to have acquired HIV infection through injecting drug use. Blacks and Hispanics accounted for 87.7 percent of all cases, 40.0 percent and 47.7 percent of cumulative cases, respectively. Ninety-four percent of prison AIDS cases reported in New York State are among men.

Survival

Analyses of New York AIDS surveillance data in past years have indicated improvement over time in the length of survival after a diagnosis of AIDS (using the 1987 case definition),³ consistent with the findings of other studies using statewide AIDS surveillance systems.^{4,5}

These increases were most likely the result of improvements in clinical management of HIV disease.

The 1993 expanded AIDS case definition generally identifies cases earlier in the spectrum of HIV disease and thereby results in a longer period of survival from AIDS diagnosis to death. For example, a recent study of a cohort in Italy indicated that among individuals meeting the 1993-added immunologic criterion, survival after AIDS diagnosis was considerably longer than among individuals meeting the 1987 case definition criteria.⁶ Similarly, among adult AIDS cases in New York State who were diagnosed from January 1990 through June 1992, the proportion surviving one year was 87 percent for those meeting the new immunologic criterion, compared with 59 percent for those meeting only the pre-1993 case definition. This difference was consistent across different age groups.

Mortality

Of the 84,331 cases reported in New York State through 1994, 56,328 cases are known to have died, a cumulative case fatality rate of 66.8 percent. AIDS is the leading cause of death for 30-49 year-old-men and 20-39 year-old-women in New York City, and for New York State prison inmates. AIDS also remains among the top five causes of death for New York City children up to nine years old. In the rest of the state, AIDS ranks in the top five causes of death for 20-49 year old men and women.

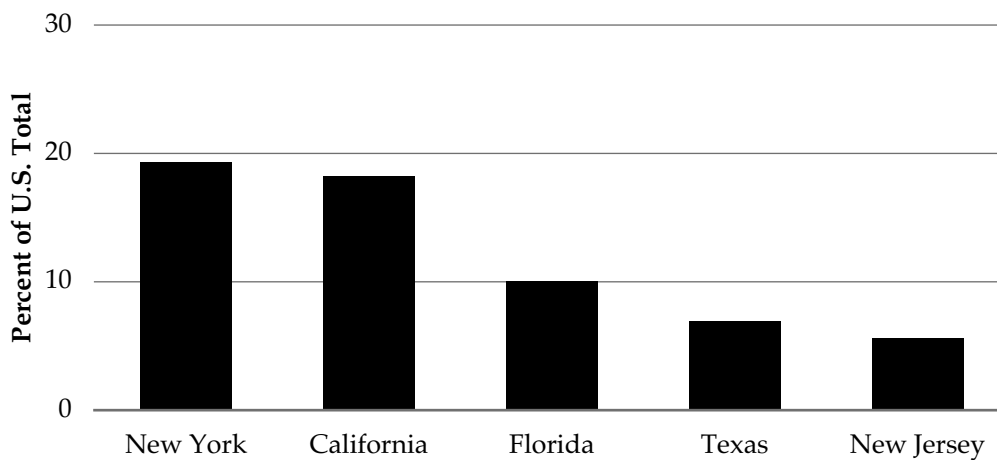
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- 1 Unpublished data from the Adult and Adolescent Spectrum of HIV Disease Project. December 1994. Centers for Disease Control and Prevention.
 - 2 Härdle. *Smoothing Techniques*. Springer-Verlag. 1991.

- 3 Chang, HGH, Morse DL, Noonan C, Coles B, Mikl J, Rosen A, Putnam D, Smith PF. Survival and Mortality Patterns of an Acquired Immunodeficiency Syndrome (AIDS) Cohort in New York State. *Am J Epidemiol* 1993;138:341-9.
- 4 Seage GR III, Oddleifson S, Carr E, Shea B, Makarewicz-Robert L, van Beuzekom M, De Maria A. Survival with AIDS in Massachusetts, 1979-1989. *Am J Public Health* 1993;83:72-8.
- 5 Lemp GF, Hirozawa AM, Cohen JB, Derish PA, McKinney KC, Hernandez SR. Survival for women and men with AIDS. *J Infect Dis* 1992;166:74-9.
- 6 Vella S, Chiese A, Volpi A, Giuliano M, Florida M, Dally LG, Binkin N. Differential survival of patients with AIDS according to the 1987 and 1993 CDC case definitions. *JAMA* 1994;271:1197-9.

States That Have Reported 5,000 or More AIDS Cases Through December 31, 1994

Area	Total Cases	Percent of National Total
New York State*	84,331	19.1
California	78,084	17.7
Florida	43,978	10.0
Texas	30,712	6.9
New Jersey	25,089	5.7
Illinois	14,255	3.2
Puerto Rico	13,900	3.1
Pennsylvania	12,754	2.9
Georgia	12,228	2.8
Maryland	10,534	2.4
Massachusetts	9,254	2.1
District of Columbia	7,129	1.6
Louisiana	6,611	1.5
Ohio	6,509	1.5
Michigan	6,240	1.4
Virginia	6,318	1.4
Washington	5,922	1.3
Connecticut	5,754	1.3
Missouri	5,635	1.3
North Carolina	5,419	1.2

States with Largest Share of U.S. AIDS Cases



* New York State data are from the New York State Department of Health Bureau of HIV/AIDS Epidemiology. All other state data are from the Centers for Disease Control and Prevention and are provisional.

AIDS Incidence by Year of Diagnosis

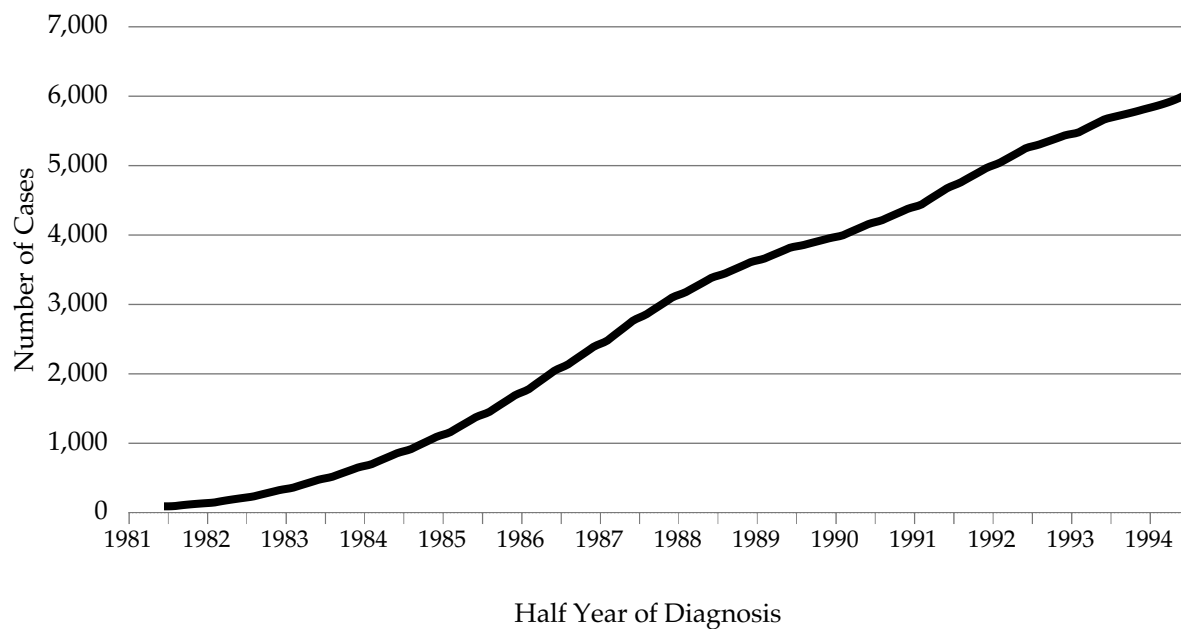
New York State, December 31, 1994

Year of Diagnosis		Number of Cases
Through	1980	47
	1981	138
	1982	502
	1983	1,131
	1984	1,954
	1985	3,074
	1986	4,564
	1987	5,875
	1988	7,306
	1989	7,870
	1990	8,746
	1991	10,436
	1992	12,154
	1993*	13,234
	1994*	7,300
Total		84,331

* Data for 1993 and 1994 are incomplete due to delay in case reporting.

Total AIDS Incidence by Half Year of Diagnosis*

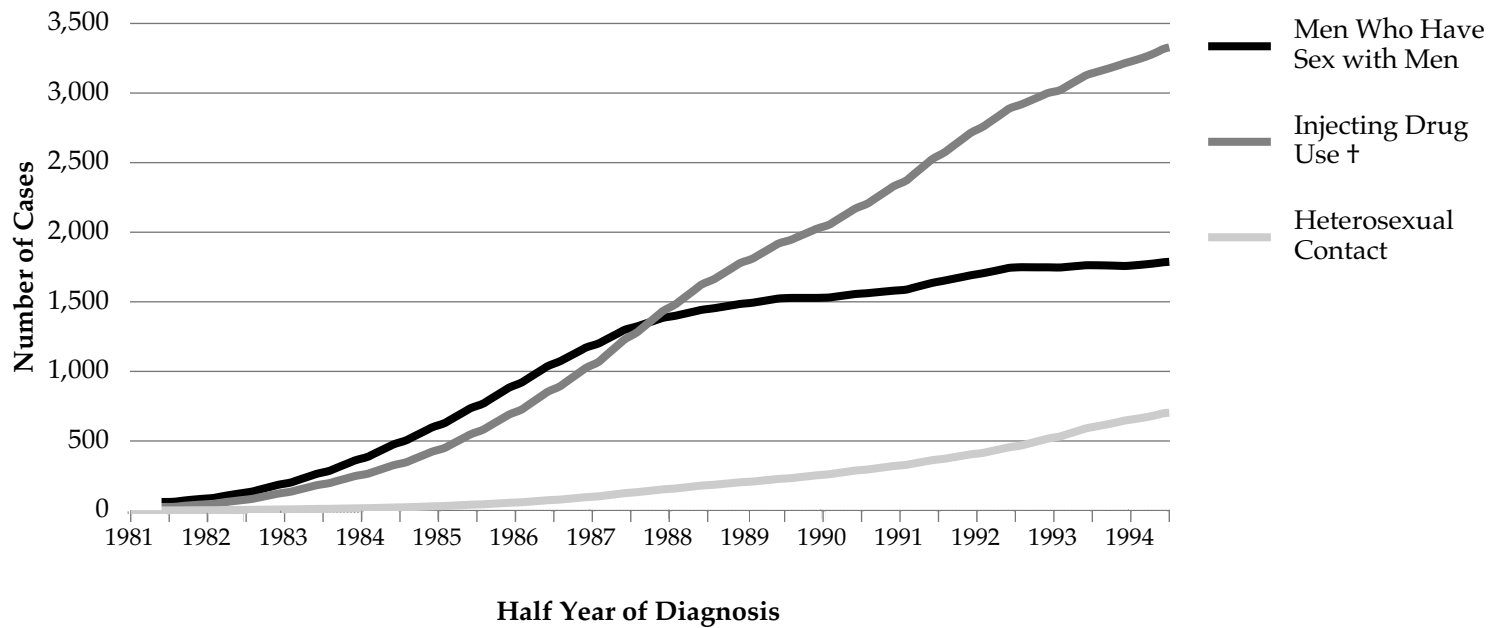
New York State, December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

Adult AIDS Cases by Exposure Category and Half Year of Diagnosis*

New York State, December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

† Includes injection drug users and men who have sex with men and inject drugs.

Cumulative AIDS Cases* by Exposure Category, Race/Ethnicity, Sex, Age and Mortality

United States and New York State, Through December 31, 1994

	Cumulative United States		Cumulative New York State	
	#	%	#	%
Exposure Category				
Men Who Have				
Sex With Men	228,954	51.9	29,186	34.6
Injecting Drug Use	109,393	24.8	39,041	46.3
Men Who Have				
Sex With Men				
and Inject Drugs	28,521	6.5	2,688	3.2
Heterosexual Contact	31,663	7.2	5,358	6.4
Adult Hemophilia	3,642	0.8	215	0.3
Transfusion	6,866	1.6	477	0.6
Adult Undetermined	26,280	6.0	5,766	6.8
Pediatric				
-maternal transmission	5,541	1.3	1,496	1.8
Pediatric				
-all other	668	0.2	104	0.1
Race/Ethnicity				
White	214,146	48.5	25,982	30.8
Black	146,283	33.1	33,432	39.6
Hispanic	76,323	17.3	24,127	28.6
Asian/Pacific Islander	2,991	0.7	447	0.5
Native American/ Alaska Native	1,065	0.2	31	<0.1
Unknown	718	0.2	312	0.4
Sex				
Male	380,126	86.1	67,386	79.9
Female	61,400	13.9	16,945	20.1
Age				
Pediatrics	6,209	1.4	1,600	1.9
Adults	435,319	98.6	82,731	98.1
Mortality				
Presumed Alive	170,658	38.7	28,003	33.2
Known Dead	270,870	61.3	56,328	66.8
Total	441,528	100.0	84,331	100.0

	Cumulative New York City		Cumulative Rest of State		Cumulative Prison Inmates	
	#	%	#	%	#	%
Exposure Category						
Men Who Have						
Sex With Men	24,855	35.5	4,239	36.9	92	3.2
Injecting Drug Use	32,065	45.8	4,447	38.7	2,529	87.8
Men Who Have						
Sex With Men						
and Inject Drugs	2,032	2.9	512	4.5	144	5.0
Heterosexual Contact	4,368	6.2	952	8.3	38	1.3
Adult Hemophilia	85	0.1	129	1.1	1	<0.1
Transfusion	242	0.3	233	2.0	2	0.1
Adult Undetermined	4,908	7.0	785	6.8	73	2.5
Pediatric						
-maternal transmission	1,328	1.9	168	1.5	0	—
Pediatric						
-all other	81	0.1	23	0.2	0	—
Race/Ethnicity						
White	19,376	27.7	6,270	54.6	336	11.7
Black	28,378	40.6	3,901	34.0	1,153	40.0
Hispanic	21,525	30.8	1,230	10.7	1,372	47.7
Asian/Pacific Islander	416	0.6	30	0.3	1	<0.1
Native American/ Alaska Native	17	<0.1	13	0.1	1	<0.1
Unknown	252	0.4	44	0.4	16	0.6
Sex						
Male	55,456	79.3	9,233	80.4	2,697	93.7
Female	14,508	20.7	2,255	19.6	182	6.3
Age						
Pediatrics	1,409	2.0	191	1.7	0	—
Adults	68,555	98.0	11,297	98.3	2,879	100.0
Mortality						
Presumed Alive	22,634	32.4	4,330	37.7	1,039	36.1
Known Dead	47,330	67.6	7,158	62.3	1,840	63.9
Total	69,964	100.0	11,488	100.0	2,879	100.0

* New York State data are from the New York State Department of Health Bureau of HIV / AIDS Epidemiology. United States data are from the Centers for Disease Control and Prevention and are provisional.

AIDS Cases Reported in 1994* by Exposure Category, Race/Ethnicity, Sex, Age and Mortality

United States and New York State, December 31, 1994

	Cases Reported in 1994 United States		Cases Reported in 1994 New York State	
	#	%	#	%
Exposure Category				
Men Who Have				
Sex With Men	34,974	43.3	3,964	27.1
Injecting Drug Use	21,717	26.9	7,088	48.4
Men Who Have				
Sex With Men				
and Inject Drugs	3,853	4.8	248	1.7
Heterosexual Contact	8,300	10.3	1,489	10.2
Adult Hemophilia	501	0.6	44	0.3
Transfusion	751	0.9	18	0.1
Adult Undetermined	9,578	11.9	1,596	10.9
Pediatric				
-maternal transmission	933	1.2	187	1.3
Pediatric				
-all other	84	0.1	14	0.1
Race/Ethnicity				
White	33,193	41.1	3,712	25.3
Black	31,485	39.0	6,335	43.2
Hispanic	15,066	18.7	4,525	30.9
Asian/Pacific Islander	577	0.7	65	0.4
Native American/ Alaska Native	227	0.3	2	<0.1
Unknown	143	0.2	9	0.1
Sex				
Male	66,095	81.9	10,991	75.0
Female	14,594	18.1	3,657	25.0
Age				
Pediatrics	1,017	1.3	201	1.4
Adults	79,674	98.7	14,447	98.6
Mortality				
Presumed Alive	— [†]	—	10,472	71.5
Known Dead	— [†]	—	4,176	28.5
Total	80,691	100.0	14,648	100.0

	Cases Reported in 1994 New York City		Cases Reported in 1994 Rest of State		Cases Reported in 1994 Prison Inmates	
	#	%	#	%	#	%
Exposure Category						
Men Who Have Sex With Men	3,396	27.3	549	30.9	19	4.5
Injecting Drug Use	6,061	48.7	675	37.9	352	83.8
Men Who Have Sex With Men and Inject Drugs	188	1.5	55	3.1	5	1.2
Heterosexual Contact	1,252	10.1	220	12.4	17	4.0
Adult Hemophilia	18	0.1	26	1.5	0	—
Transfusion	10	0.1	8	0.4	0	—
Adult Undetermined	1,338	10.7	231	13.0	27	6.4
Pediatric						
–maternal transmission	173	1.4	14	0.8	0	—
Pediatric						
–all other	13	0.1	1	0.1	0	—
Race/Ethnicity						
White	2,745	22.0	919	51.7	48	11.4
Black	5,544	44.5	624	35.1	167	39.8
Hispanic	4,096	32.9	226	12.7	203	48.3
Asian/Pacific Islander	61	0.5	4	0.2	0	—
Native American						
Alaska Native	1	<0.1	1	0.1	0	—
Unknown	2	<0.1	5	0.3	2	0.5
Sex						
Male	9,250	74.3	1357	76.3	384	91.4
Female	3,199	25.7	422	23.7	36	8.6
Age						
Pediatrics	186	1.5	15	0.8	0	—
Adults	12,263	98.5	1764	99.2	420	100.0
Mortality						
Known Dead	3,672	29.5	372	20.9	132	31.4
Presumed Alive	8,777	70.5	1407	79.1	288	68.6
Total	12,449	100.0	1779	100.0	420	100.0

* Report year reflects year in which AIDS case report was received and may not reflect year of AIDS diagnosis. New York State data are from the New York State Department of Health Bureau of HIV / AIDS Epidemiology. United States data are from the Centers for Disease Control and Prevention and are provisional.

† Not available.

Adult AIDS Cases Reported in 1994 by Case Definition Criteria, Demographic Characteristics and Year of Diagnosis

New York State, December 31, 1994

Case Definition Criteria							
	1987		1993 Clinical*		1993 Immunologic†		Total #
	#	%	#	%	#	%	
Sex							
Male	4,581	42.1	690	6.3	5624	51.6	10,895
Female	1,305	36.7	330	9.3	1917	54.0	3,552
Race/Ethnicity							
White	1,804	48.8	134	3.6	1762	47.6	3,700
Black	2,409	38.8	598	9.6	3210	51.6	6,217
Hispanic	1,628	36.5	286	6.4	2542	57.1	4,456
Other	36	55.4	2	3.1	27	41.5	65
Unknown	9	100.0	0	—	0	—	9
Exposure Category							
Men Who Have Sex With Men	1,989	50.2	120	3.0	1855	46.8	3,964
Injecting Drug Use	2,528	35.7	591	8.3	3,969	56.0	7,088
Men Who Have Sex With Men and Inject Drugs	120	48.4	3	1.2	125	50.4	248
Receipt of Blood Products	21	33.9	3	4.8	38	61.3	62
Heterosexual Contact	585	39.3	74	5.0	830	55.7	1,489
Undetermined	643	40.3	229	14.3	724	45.4	1,596
Year of Diagnosis							
1981	0	—	1	100.0	0	—	1
1983	1	100.0	0	—	0	—	1
1984	1	50.0	1	50.0	0	—	2
1985	4	80.0	0	—	1	20.0	5
1986	3	37.5	1	12.5	4	50.0	8
1987	21	67.7	5	16.1	5	16.1	31
1988	30	68.2	4	9.1	10	22.7	44
1989	68	57.6	13	11.0	37	31.4	118
1990	179	60.9	38	12.9	77	26.2	294
1991	397	58.7	79	11.7	200	29.6	676
1992	782	51.3	131	8.6	611	40.1	1,524
1993	1,777	39.4	333	7.4	2,401	53.2	4,511
1994	2,623	36.3	414	5.7	4,195	58.0	7,232
Total	5,886	40.7	1,020	7.1	7,541	52.2	14,447

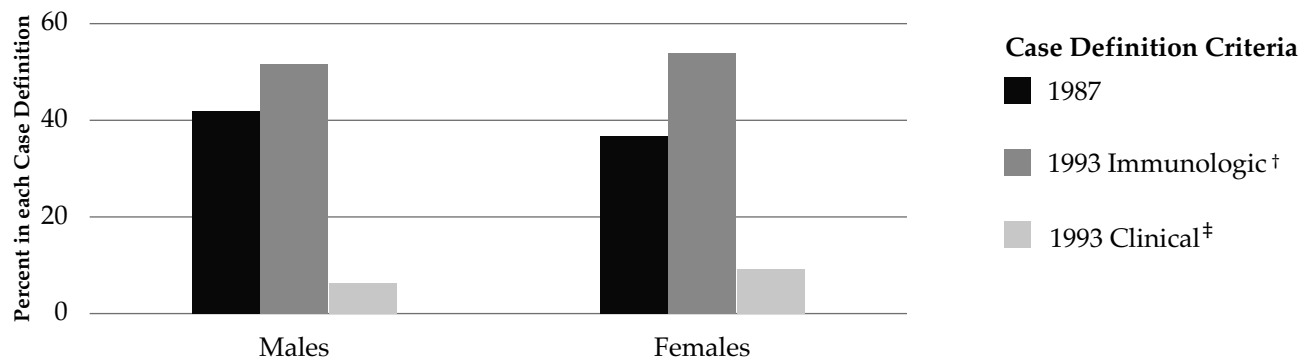
* Pulmonary tuberculosis, recurrent pneumonia or invasive cervical cancer.

† CD4+ lymphocyte count less than 200/μL or less than 14% of total lymphocytes.

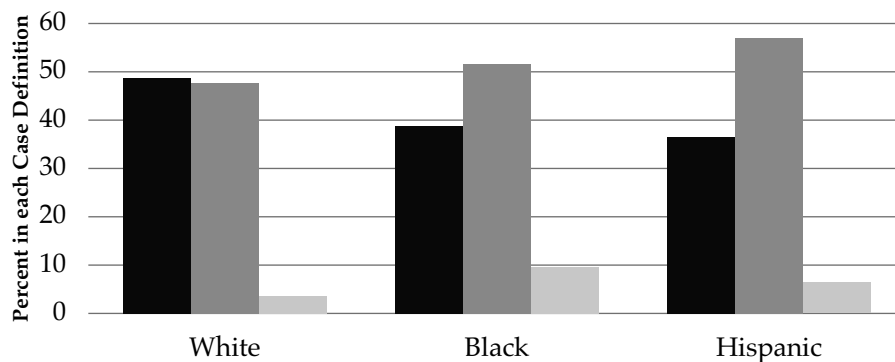
Adult AIDS Cases Reported in 1994* by Case Definition Criteria, Sex, Race/Ethnicity and Exposure Category

New York State, Through December 31, 1994

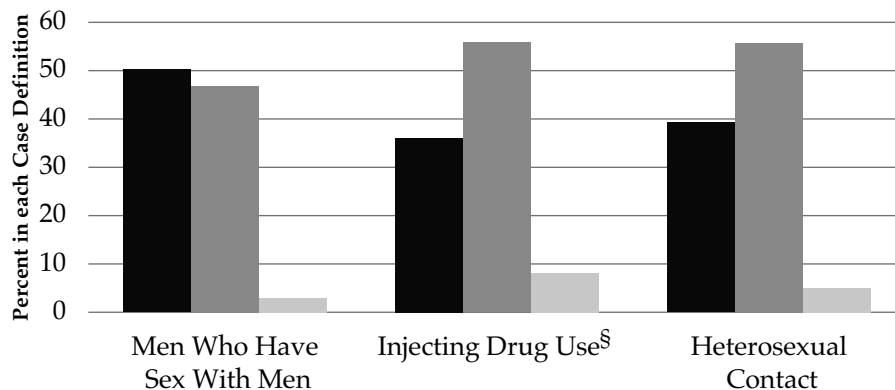
Sex



Race/Ethnicity



Exposure Category



* Report year reflects year in which case report was received by the New York State Department of Health Bureau of HIV/AIDS Epidemiology, and may not reflect year of AIDS diagnosis.

† CD4+ lymphocyte count less than 200/ μ L or less than 14% of total lymphocytes.

‡ Pulmonary tuberculosis, recurrent pneumonia or invasive cervical cancer.

§ Includes injecting drug users and men who have sex with men and inject drugs.

AIDS Cases by Ryan White Region

New York State, December 31, 1994

Year of Diagnosis

	Through 1991	1992	1993*	1994*	Cumulative through 12/31/94	
	#	#	#	#	#	Rate/100,000 [†]
New York City	42,671	9,958	11,001	6,334	69,964	955.5
Long Island	2,479	534	596	265	3,874	148.5
Westchester/ Rockland/Putnam	1,528	464	423	230	2,645	216.0
Rest of State	2,941	871	851	306	4,969	72.7

Rate per 100,000 Population by Race and Ethnicity for the Period 1991-1993

	New York State	New York City	Long Island	Westchester/ Rockland/ Putnam	Rest of State
Race/Ethnicity					
White	74.7	208.6	39.0	47.6	22.7
Black	577.8	699.6	319.8	414.0	188.8
Hispanic	460.8	535.9	98.6	172.5	187.9
Asian/Pacific Islander	27.9	35.3	9.8	4.7	6.8
Native American/ Alaskan Native	23.7	39.1	— [‡]	— [‡]	18.4

* Data for 1993 and 1994 are incomplete due to delay in case reporting.

† Based on 1990 U.S. Census data. Data exclude 2,879 prison inmates.

‡ No AIDS cases were reported.

AIDS Incidence by Exposure Category, Year of Diagnosis and Ryan White Region*

New York State, December 31, 1994

		New York City			Long Island			Westchester/ Rockland/Putnam			Rest of State		
		Heterosexual			Heterosexual			Heterosexual			Heterosexual		
		MSWM	IDU [†]	Contact	MSWM	IDU [†]	Contact	MSWM	IDU [†]	Contact	MSWM	IDU [†]	Contact
Through	81	122	40	1	1	0	0	0	0	0	1	1	0
	82	269	149	6	3	8	0	2	1	0	4	1	0
	83	550	344	12	17	15	0	13	7	0	13	5	1
	84	975	567	31	28	24	2	23	12	1	39	29	1
	85	1,409	951	67	56	49	7	37	38	4	70	22	1
	86	1,997	1,454	112	105	79	14	47	50	4	100	66	4
	87	2,233	2,027	213	112	150	6	83	74	10	151	91	11
	88	2,471	2,796	266	139	178	26	72	101	10	187	130	22
	89	2,464	3,007	316	126	207	27	71	132	22	246	193	31
	90	2,432	3,655	413	162	178	43	79	119	31	275	230	39
	91	2,620	4,488	507	163	229	42	97	169	29	304	301	71
	92	2,848	5,402	704	140	262	55	109	269	31	343	362	91
	93 [‡]	2,938	5,895	1,054	174	289	59	105	226	53	310	325	100
	94 [‡]	1,527	3,322	666	72	94	33	52	129	42	108	114	29
Total		24,855	34,097	4,368	1,298	1,762	314	790	1,327	237	2,151	1,870	401

* Excludes 2,879 prison inmates.

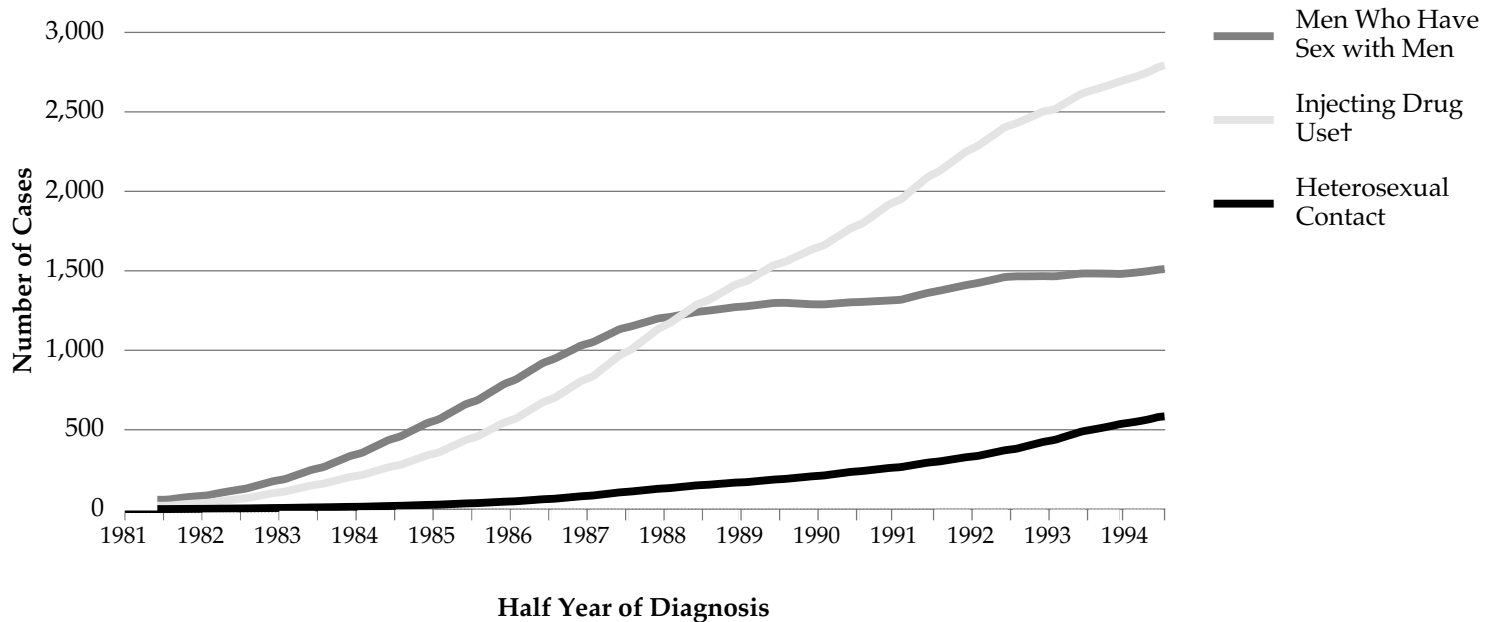
† Includes injecting drug users and men who have sex with men and inject drugs.

‡ Data for 1993 and 1994 are incomplete due to delay in case reporting.

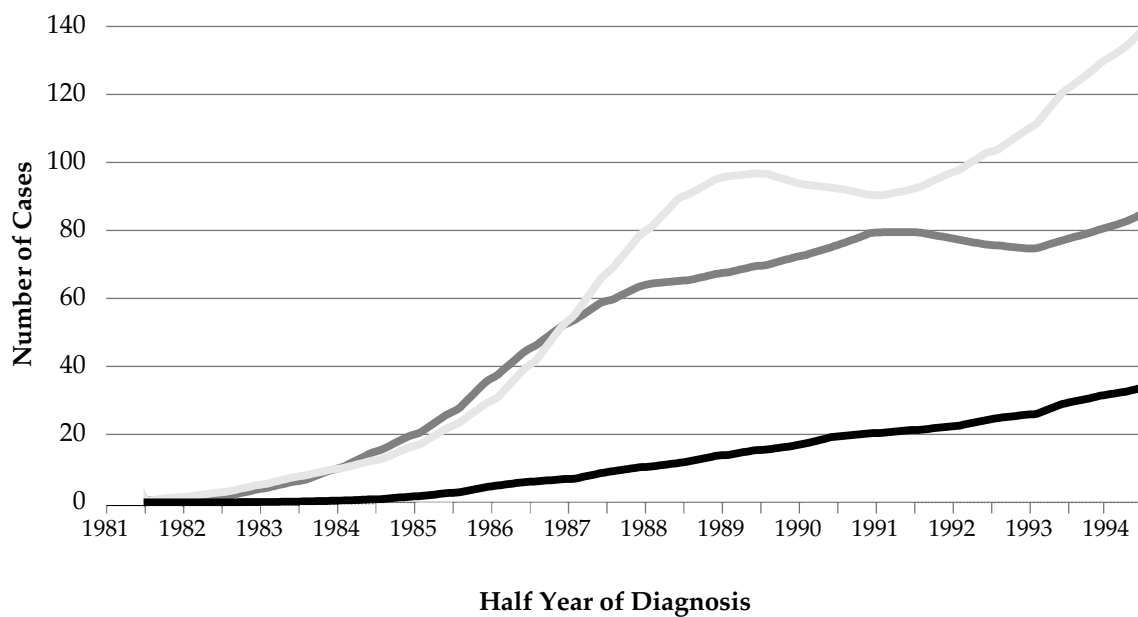
Adult AIDS Cases by Exposure Category, Half Year of Diagnosis and Ryan White Region*

New York State, December 31, 1994

New York City



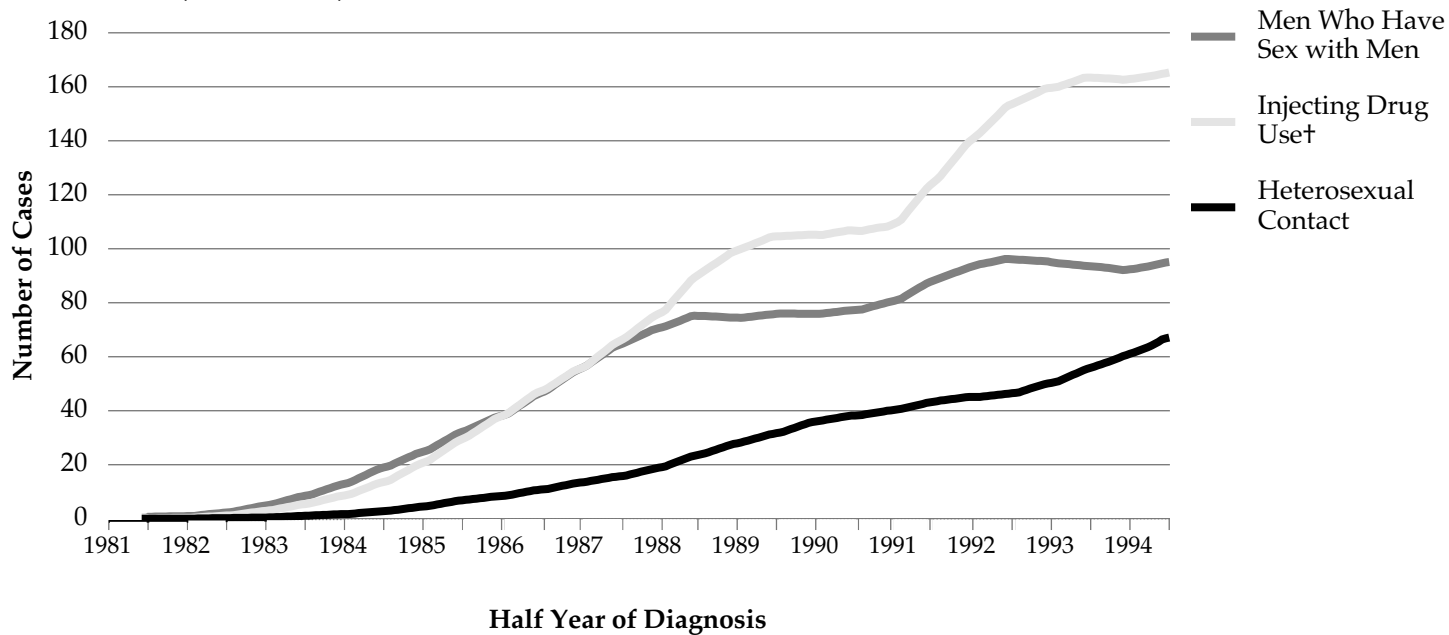
Long Island



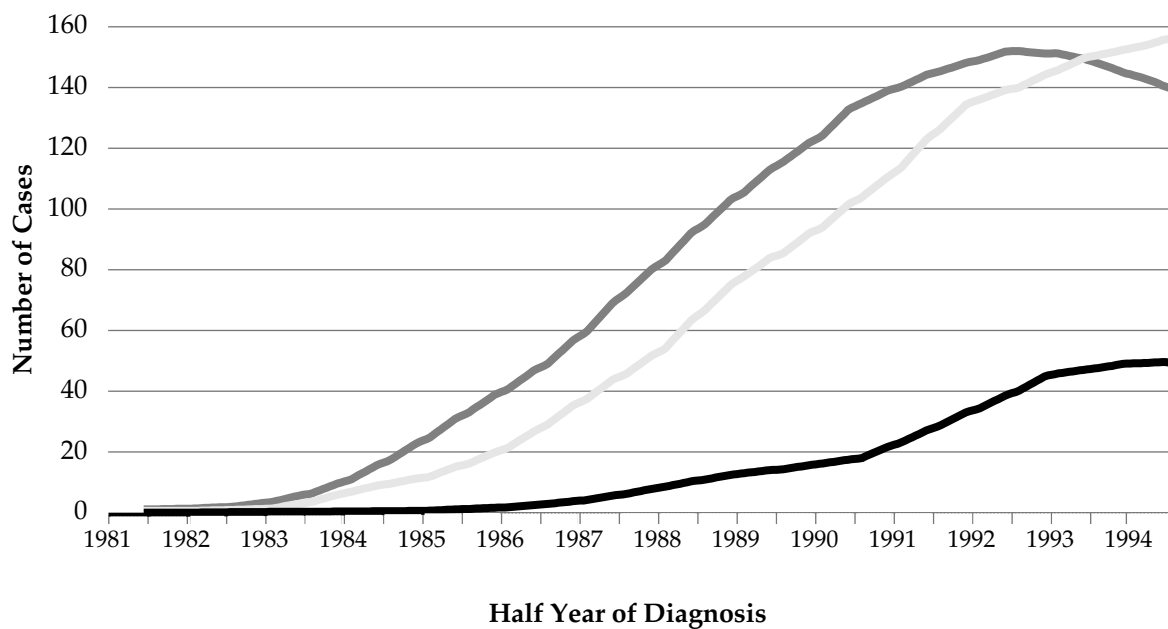
* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description. Please note that scales of graphs are not consistent across regions.

† Includes injecting drug users and men who have sex with men and inject drugs.

Westchester/Rockland/Putnam



Rest of State



Adult AIDS Cases Reported in 1993 and 1994 by Age, Sex, Race/ Ethnicity, Exposure Category and Health Systems Agency* New York State, Through December 31, 1994

Characteristic	Western New York		Finger Lakes		Central New York		New York/ Pennsylvania	
	#	%	#	%	#	%	#	%
Age								
13-19	1	0.3	2	0.4	4	1.1	2	3.2
20-24	16	4.9	6	1.3	12	3.2	1	1.6
25-29	35	10.7	58	12.7	58	15.6	7	11.3
30-39	129	39.6	223	48.9	180	48.5	31	50.0
40-49	117	35.9	121	26.5	91	24.5	15	24.2
>49	28	8.6	46	10.1	26	7.0	6	9.7
Sex								
Male	250	76.7	364	79.8	300	80.9	50	80.6
Female	76	23.3	92	20.2	71	19.1	12	19.4
Race/Ethnicity								
White	156	47.9	253	55.5	236	63.6	45	72.6
Black	140	42.9	155	34.0	103	27.8	11	17.7
Hispanic	30	9.2	44	9.6	27	7.3	6	9.7
Asian/Pacific Islander	0	—	2	0.4	0	—	0	—
Native American/ Alaskan Native	0	—	1	0.2	0	—	0	—
Missing	0	—	1	0.2	5	1.3	0	—
Exposure Category								
Males								
Men Who Have Sex with Men	141	56.4	180	49.4	158	52.7	26	52.0
Injecting Drug Users	73	29.2	111	30.5	76	25.3	12	24.0
Men Who Have Sex With Men and Inject Drugs	12	4.8	21	5.8	22	7.3	7	14.0
Heterosexual Contact	6	2.4	3	0.8	16	5.3	1	2.0
Blood Products	10	4.0	12	3.3	11	3.7	1	2.0
Undetermined	8	3.2	37	10.2	17	5.7	3	6.0
Females								
Injecting Drug Users	26	34.2	50	54.4	28	39.4	4	33.3
Heterosexual Contact	42	55.3	26	28.3	33	46.5	5	41.7
Blood Products	1	1.3	2	2.2	2	2.8	1	8.3
Undetermined	7	9.2	14	15.2	8	11.3	2	16.7
Total	326	100.0	456	100.0	371	100.0	62	100.0

* Health Systems Agency classified by county of residence at diagnosis. See page 64 for list of counties in each HSA.
Excludes 921 inmates.

Characteristic	Northeastern New York		Hudson Valley		New York City		Nassau/ Suffolk	
	#	%	#	%	#	%	#	%
Age								
13-19	6	1.5	7	0.4	78	0.3	3	0.2
20-24	7	1.8	38	2.3	537	2.0	29	1.9
25-29	48	12.1	131	7.9	2,571	9.5	144	9.6
30-39	172	43.4	770	46.7	11,598	42.7	697	46.4
40-49	128	32.3	530	32.1	8,939	32.9	468	31.2
>49	35	8.8	173	10.5	3,438	12.7	161	10.7
Sex								
Male	325	82.1	1229	74.5	20,291	74.7	1150	76.6
Female	71	17.9	420	25.5	6,870	25.3	352	23.4
Race/Ethnicity								
White	226	57.1	654	39.7	5,747	21.2	802	53.4
Black	108	27.3	708	42.9	12,354	45.5	537	35.8
Hispanic	62	15.7	271	16.4	8,867	32.6	156	10.4
Asian/Pacific Islander	0	—	5	0.3	141	0.5	5	0.3
Native American/ Alaskan Native	0	—	1	0.1	6	<0.1	0	—
Missing	0	—	10	0.6	46	0.2	2	0.1
Exposure Category								
Males								
Men Who Have Sex With Men	136	41.9	383	31.2	7,136	35.2	410	35.7
Injecting Drug Users	127	39.1	645	52.5	10,364	51.1	519	45.1
Men Who Have Sex With Men and Inject Drugs	15	4.6	59	4.8	538	2.7	52	4.5
Heterosexual Contact	10	3.1	43	3.5	375	1.8	30	2.6
Blood Products	12	3.7	19	1.6	44	0.2	18	1.6
Undetermined	25	7.7	80	6.5	1,834	9.0	121	10.5
Females								
Injecting Drug Users	43	60.6	218	51.9	4,016	58.5	171	48.6
Heterosexual Contact	20	28.2	154	36.7	2,079	30.3	121	34.4
Blood Products	0	—	15	3.6	17	0.3	12	3.4
Undetermined	8	11.3	33	7.9	758	11.0	48	13.6
Total	396	100.0	1,649	100.0	27,161	100.0	1,502	100.0

AIDS Cases by Health Systems Agency (HSA)* and Year of Diagnosis

New York State, December 31, 1994

	Through 1991	1992	1993 [†]	1994 [†]	Cumulative through 12/31/94	
	#	#	#	#	#	Rate/100,000 [‡]
HSA Areas*						
1. Western NY	505	137	138	39	819	50.9
2. Finger Lakes	560	176	179	55	970	78.9
3. Central New York	435	183	149	38	805	55.5
4. New York/Penn.	90	25	19	9	143	45.2
5. Northeastern NY	625	167	170	64	1,026	72.0
6. Hudson Valley	2,254	647	619	331	3,851	190.1
7. NYC	42,671	9,958	11,001	6,334	69,964	955.5
8. Nassau-Suffolk	2,479	534	596	265	3,874	148.5

*HSA Areas:

1. Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans, Wyoming
2. Chemung, Livingston, Monroe, Ontario, Schuyler, Seneca, Steuben, Wayne, Yates
3. Cayuga, Cortland, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, St. Lawrence, Tompkins
4. Broome, Chenango, Tioga
5. Albany, Clinton, Columbia, Delaware, Essex, Franklin, Fulton, Greene, Hamilton, Montgomery, Otsego, Rensselaer, Saratoga, Schoharie, Warren, Washington
6. Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster, Westchester
7. Bronx, Kings, New York, Queens, Richmond
8. Nassau, Suffolk

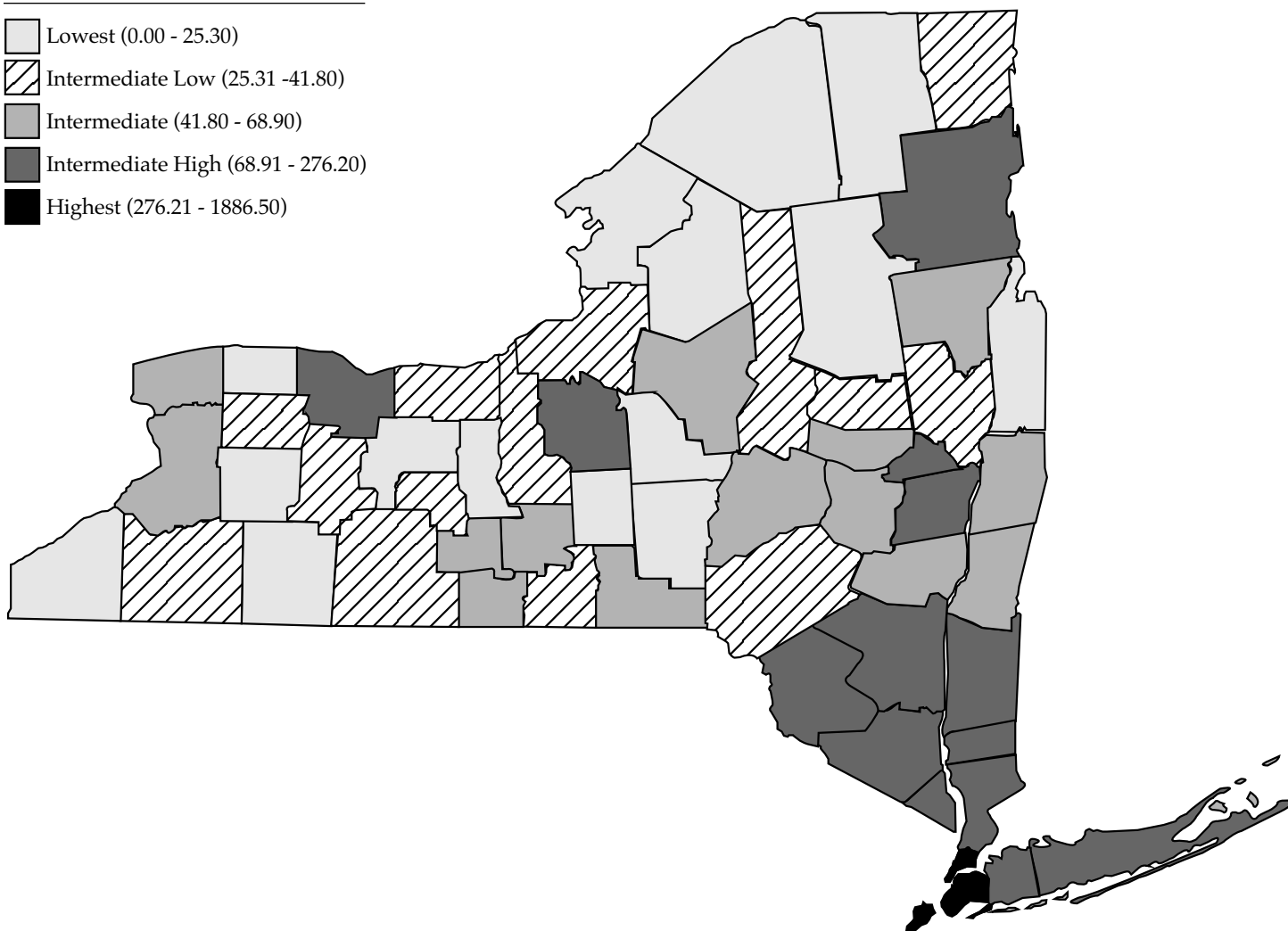
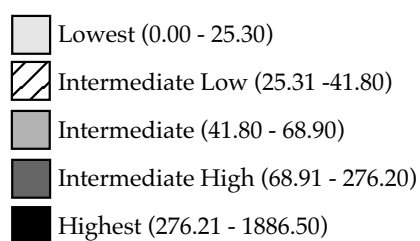
[†]Data for 1993 and 1994 are incomplete due to delay in case reporting.

[‡]Based on 1990 U.S. Census data. Data exclude 2,879 prison inmates.

Cumulative AIDS Incidence Rates per 100,000 Population* by County of Residence[†]

New York State, December 31, 1994

Incidence Rates in Quintiles



* Based on 1990 U.S. Census data.

† Excludes New York State prison inmates.

AIDS Cases* by County of Residence

New York State, December 31, 1994

	1993 Reports [†]	1994 Reports [†]	Cumulative Reported Cases	
	#	#	#	rate/100,000 [‡]
New York City				
Bronx	3,072	2,567	13,306	1,105.3
Kings	4,154	3,550	17,725	770.4
New York	5,632	4,109	28,055	1,886.0
Queens	1,936	1,845	9,286	475.8
Richmond	311	350	1,479	390.3
NYC-Borough Unknown	18	28	105	—
NYC Total	15,123	12,449	69,956	955.5
Rest of State				
Albany	106	75	432	147.6
Allegany	0	0	3	5.9
Broome	36	15	118	55.6
Cattaraugus	7	4	22	26.1
Cayuga	5	5	26	31.6
Chautauqua	10	7	35	24.7
Chemung	20	12	62	65.1
Chenango	3	1	10	19.3
Clinton	7	0	23	26.8
Columbia	11	0	40	63.5
Cortland	1	2	8	16.3
Delaware	5	2	15	31.8
Dutchess	97	62	341	131.4
Erie	171	87	630	65.0
Essex	3	3	27	72.7
Franklin	2	3	10	21.5
Fulton	1	1	16	29.5
Genesee	4	4	18	30.0
Greene	5	4	27	60.4
Hamilton	0	0	1	18.9
Herkimer	3	2	17	25.8
Jefferson	3	12	26	23.4
Lewis	0	2	5	18.7
Livingston	5	4	24	38.5

	1993 Reports [†]	1994 Reports [†]	Cumulative Reported Cases	
	#	#	#	rate/100,000 [‡]
Rest of State				
Madison	5	2	13	18.8
Monroe	185	184	777	108.8
Montgomery	6	10	30	57.7
Nassau	433	242	1873	145.5
Niagara	16	13	97	43.9
Oneida	50	31	156	62.2
Onondaga	143	67	447	95.3
Ontario	5	4	20	21.0
Orange	128	76	431	140.1
Orleans	4	2	10	23.9
Oswego	9	2	34	27.9
Otsego	10	2	32	52.9
Putnam	19	11	90	107.2
Rensselaer	28	19	94	60.9
Rockland	127	67	454	171.0
St. Lawrence	4	0	20	17.9
Saratoga	18	6	72	39.7
Schenectady	30	25	151	101.1
Schoharie	8	2	17	53.4
Schuyler	4	1	10	53.6
Seneca	5	0	7	20.8
Steuben	7	4	29	29.3
Suffolk	537	305	2,001	151.4
Sullivan	50	38	191	275.7
Tioga	3	4	15	28.7
Tompkins	15	10	53	56.3
Ulster	67	43	243	147.0
Warren	3	6	26	43.9
Washington	1	1	13	21.9
Wayne	9	3	34	38.1
Westchester	590	289	2,101	240.2
Wyoming	1	1	4	9.4
Yates	2	2	7	30.7
Rest of State Total	3,027	1,779	11,496	107.6
New York State Total	18,150	14,228	81,452	452.5

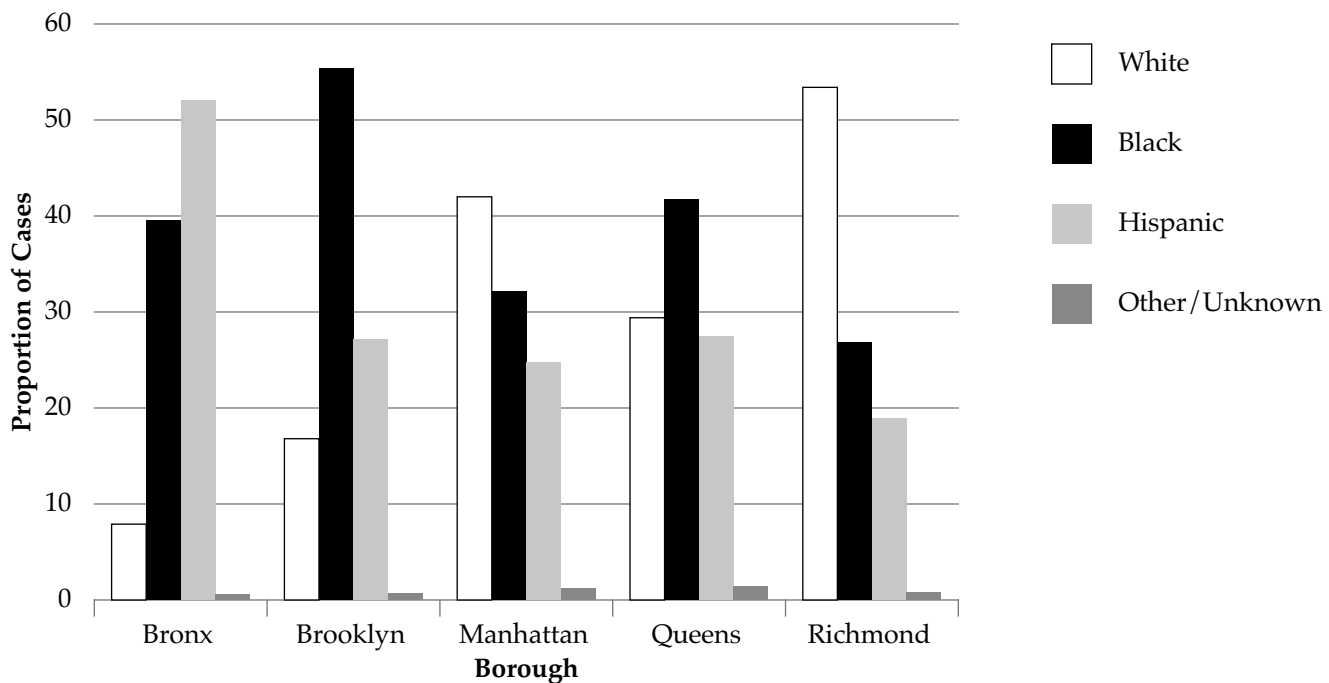
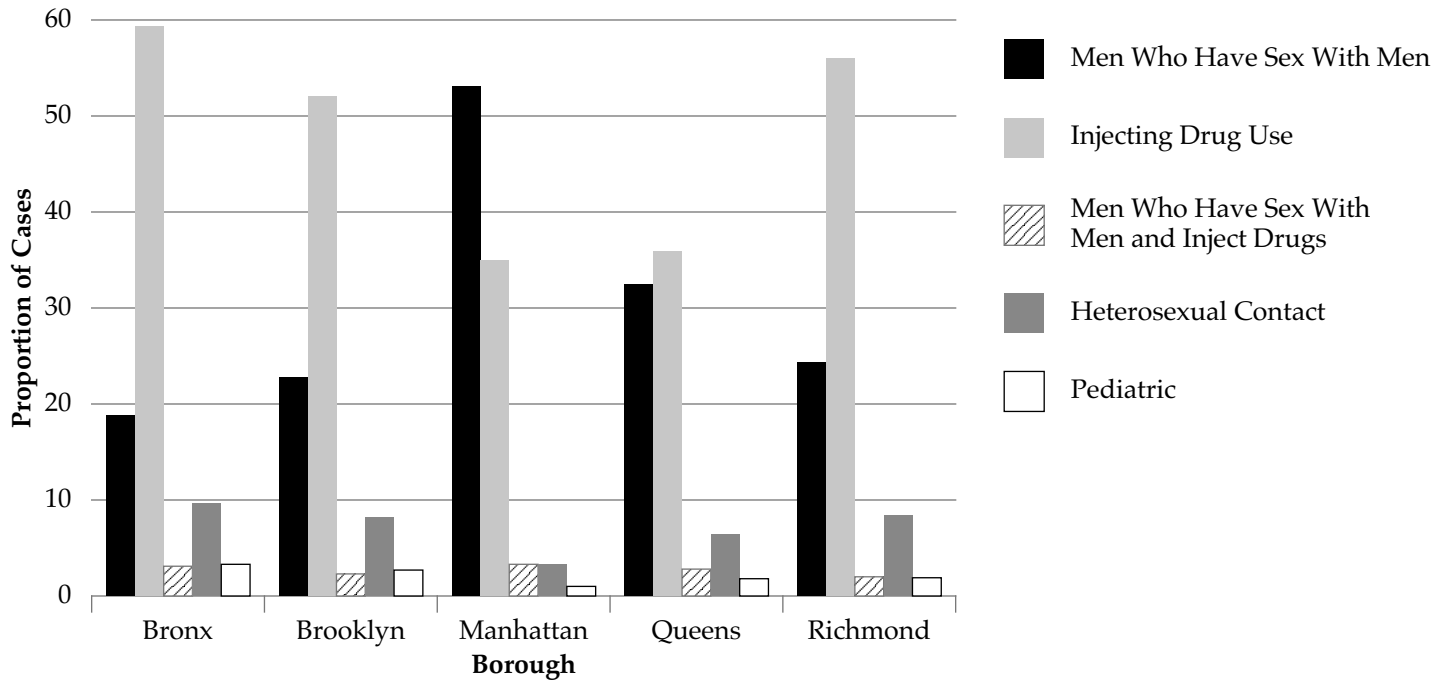
* Does not include 2,879 prison inmates.

† Report year reflects year in which case report was received by the New York State Department of Health Bureau of HIV/AIDS Epidemiology and may not reflect year of AIDS diagnosis.

‡ Based on 1990 U.S. Census data.

AIDS Cases in New York City by Exposure Category, Race/Ethnicity and Borough

New York City, Through December 31, 1994



Adult AIDS Cases Reported in 1993 and 1994 by Age, Sex, Race / Ethnicity and Exposure Category and New York City Borough*

New York State, December 31, 1994

Characteristic	Bronx		Manhattan		Brooklyn		Queens		Staten Island	
	#	%	#	%	#	%	#	%	#	%
Age										
13-19	15	0.3	15	0.2	34	0.4	14	0.4	0	—
20-24	114	2.1	131	1.4	202	2.7	70	1.9	17	2.6
25-29	595	10.8	799	8.3	755	10.0	361	9.7	60	9.1
30-39	2,359	42.7	3,988	41.3	3,213	42.6	1,707	45.8	310	47.2
40-49	1,823	33.0	3,282	34.0	2,451	32.4	1,167	31.3	202	30.8
>49	614	11.1	1,446	15.0	897	11.9	406	10.9	68	10.3
Sex										
Male	3,757	68.1	7,915	81.9	5,224	69.2	2,876	77.2	476	72.5
Female	1,763	31.9	1,746	18.1	2,328	30.8	849	22.8	181	27.5
Race/Ethnicity										
White	375	6.8	3,097	32.1	982	13.0	979	26.3	307	46.7
Black	2,279	41.3	3,749	38.8	4,501	59.6	1,587	42.6	213	32.4
Hispanic	2,848	51.6	2,724	28.2	2,037	27.0	1,113	29.9	131	19.9
Asian/Pacific Islander	11	0.2	67	0.7	20	0.3	39	1.0	4	0.6
Native American/ Native Alaskan	0	—	3	<0.1	1	<0.1	1	<0.1	1	0.2
Missing	7	0.1	21	0.2	11	0.1	6	0.2	1	0.2
Exposure Category										
Males										
Men Who Have Sex With Other Men	895	23.8	3,771	47.6	1,343	25.7	993	34.5	123	25.8
Injecting Drug Users	2,432	64.7	3,320	42.0	2,890	55.3	1,398	48.6	299	62.8
Men Who Have Sex With Men and Inject Drugs	112	3.0	248	3.1	112	2.1	58	2.0	7	1.5
Heterosexual Contact	68	1.8	82	1.0	151	2.9	65	2.3	8	1.7
Blood Products	6	0.2	5	0.1	14	0.3	14	0.5	4	0.8
Undetermined	244	6.5	489	6.2	714	13.7	348	12.1	35	7.4
Females										
Injecting Drug Users	1,021	57.9	1,162	66.6	1,289	55.4	444	52.3	98	54.1
Heterosexual Contact	617	35.0	424	24.3	709	30.5	260	30.6	68	37.6
Blood Products	1	0.1	4	0.2	7	0.3	5	0.6	0	—
Undetermined	124	7.0	156	8.9	323	13.9	140	16.5	15	8.3
Total	5,520	100.0	9,661	100.0	7,552	100.0	3,725	100.0	657	100.0

* Excludes 46 cases for whom borough of residence is not known.

Cumulative Adult AIDS Case Rates by United Hospital Fund Neighborhood System*

New York City, Through December 31, 1994

UHF Neighborhood	Total AIDS Cases among Adults	Cumulative Rate per 100,000 Adults [†]	UHF Neighborhood	Total AIDS Cases among Adults	Rate per 100,000 Adults [†]
New York City Total	68,428	1,125			
Bronx Total	12,871	1,342	Brooklyn Total	17,240	928
Kingsbridge, Riverdale	316	404	Green Point, Williamsburg	2,293	1,272
Northeast Bronx	836	652	Downtown Heights, Slope	2,634	1,444
Fordham, Bronx Park	2,152	1,227	Bedford Stuyvesant, Crown Heights	5,153	1,481
Pelham, Throgs Neck	1,940	902	East New York	1,489	1,107
Crotona, Tremont	2,526	1,912	Sunset Park	593	743
High-Bridge, Morrisania	2,856	2,277	Borough Park	597	362
Hunts Point, Mott Haven	1,790	1,707	East Flatbush, Flatbush	1,908	723
Manhattan Total	27,750	2,138	Canarsie, Flatlands	411	320
Washington Heights, Inwood	1,425	884	Bensonhurst, Bay Bridge	496	326
Central Harlem, Morningside Heights	3,430	2,270	Coney Island, Sheepshead Bay	882	394
East Harlem	2,678	2,845	Queens Total	9,115	550
Upper West Side	4,138	2,056	Long Island City, Astoria	908	546
Upper East Side	1,332	689	West Queens	2,516	776
Chelsea, Clinton	4,539	3,897	Flushing, Clearview	457	227
Gramercy Park, Murray Hill	2,192	1,919	Bayside, Littleneck	128	182
Greenwich Village, Soho	2,421	3,313	Ridgewood, Forest Hills	600	313
Union Square, Lower East Side	3,443	2,027	Fresh Meadows	167	238
Lower Manhattan	287	1,214	South West Queens	886	484
Staten Island Total	1,452	468	Jamaica	1,826	866
Port Richmond	279	673	South East Queens	605	382
Stapleton, St. George	642	789	Rockaway	485	599
Willowbrook	149	233			
South Beach, Tottenville	342	277			

* A subdivision using zip code boundaries. Zip code is missing, incomplete or not classified (within the UHF neighborhood system) for 6,929 (10%) of 69,461 adult cases reported to date in New York City. Of these, 6,929 cases, 3,543 are New York City residents and 3,386 are residents of other localities.

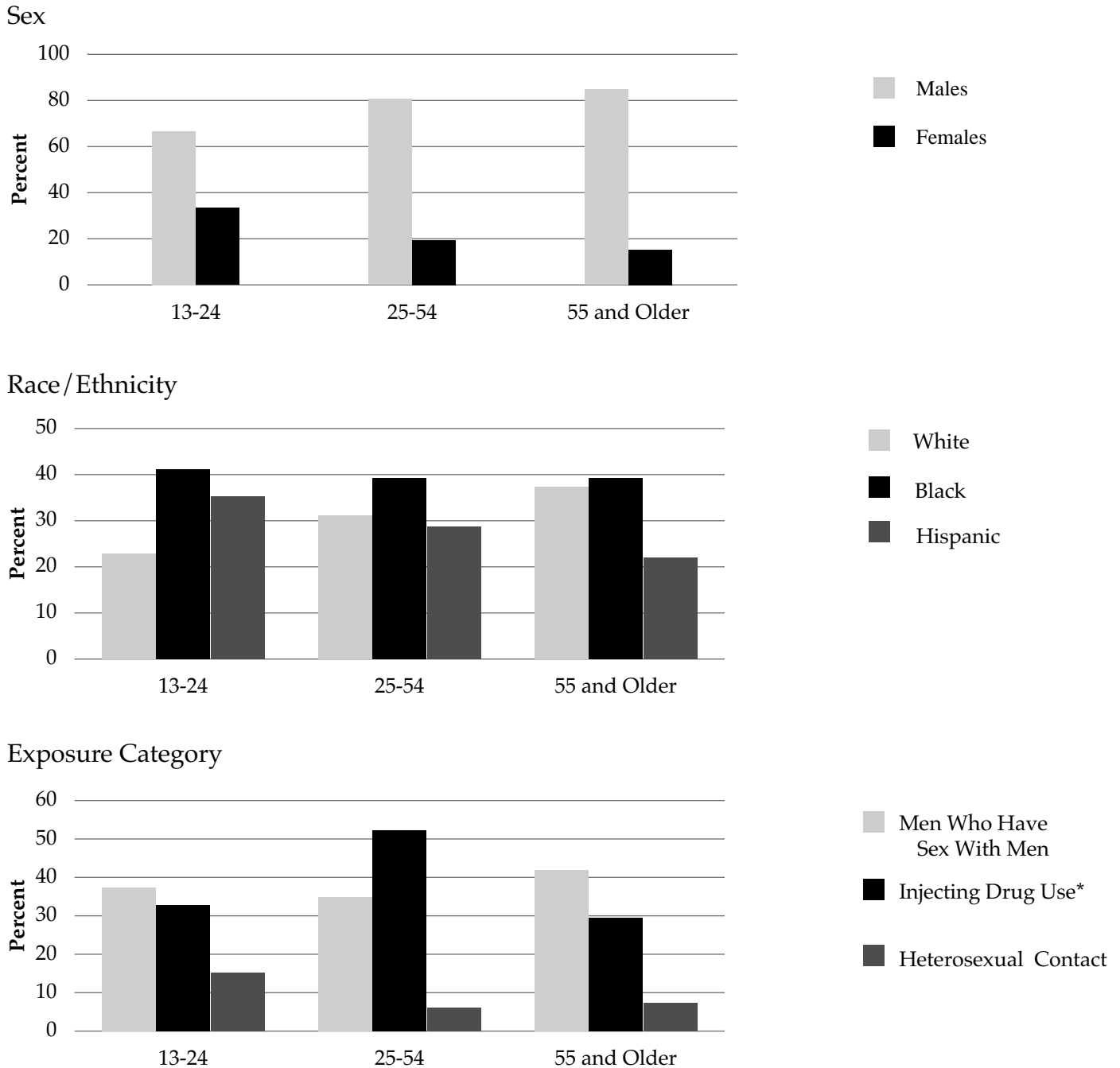
† Based on 1990 Census data for persons age 13 and older.

Source: New York City Department of Health.

AIDS Cases Among Adolescents and Adults

by Age Group, Sex, Race/Ethnicity and Exposure Category

New York State, Through December 31, 1994



*Includes cases identified as men who have sex with men and inject drugs.

AIDS Incidence Among Injecting Drug Users*

by Race/Ethnicity, Year of Diagnosis and Region†

New York State, December 31, 1994

		White		Black		Hispanic		Other/Missing‡		Total
		#	%	#	%	#	%	#	%	#
New York City										
Through	82	41	21.7	76	40.2	71	37.6	1	0.5	189
	83	71	20.6	136	39.5	135	39.2	2	0.6	344
	84	100	17.6	254	44.8	212	37.4	1	0.2	567
	85	148	15.6	458	48.2	342	36.0	3	0.3	951
	86	211	14.5	663	45.6	574	39.5	6	0.4	1,454
	87	324	16.0	901	44.4	791	39.0	11	0.5	2,027
	88	442	15.8	1,278	45.7	1,055	37.7	21	0.8	2,796
	89	471	15.7	1,393	46.3	1,121	37.3	22	0.7	3,007
	90	525	14.4	1,759	48.1	1,358	37.2	13	0.4	3,655
	91	651	14.5	2,178	48.5	1,638	36.5	21	0.5	4,488
	92	813	15.0	2,574	47.6	1,985	36.7	30	0.6	5,402
	93§	776	13.2	2,861	48.5	2,232	37.9	26	0.4	5,895
	94§	384	11.6	1,619	48.7	1,316	39.6	3	0.1	3,322
Total		4,957	14.5	16,150	47.4	12,830	37.6	160	0.5	34,097
Rest of State										
Through	82	5	45.5	5	45.5	1	9.1	0	—	11
	83	18	66.7	8	29.6	1	3.7	0	—	27
	84	32	49.2	26	40.0	7	10.8	0	—	65
	85	48	44.0	42	38.5	19	17.4	0	—	109
	86	90	46.2	83	42.6	21	10.8	1	0.5	195
	87	137	43.5	146	46.3	29	9.2	3	1.0	315
	88	163	39.9	187	45.7	58	14.2	1	0.2	409
	89	203	38.2	253	47.6	70	13.2	6	1.1	532
	90	215	40.8	248	47.1	61	11.6	3	0.6	527
	91	245	35.1	344	49.2	108	15.5	2	0.3	699
	92	347	38.9	408	45.7	134	15.0	4	0.4	893
	93§	337	40.1	375	44.6	121	14.4	7	0.8	840
	94§	109	32.3	165	49.0	61	18.1	2	0.6	337
Total		1,949	39.3	2,290	46.2	691	13.9	29	0.6	4,959

* Includes injecting drug users and men who have sex with men and inject drugs.

† Excludes 2,673 prison inmates reported as injecting drug users.

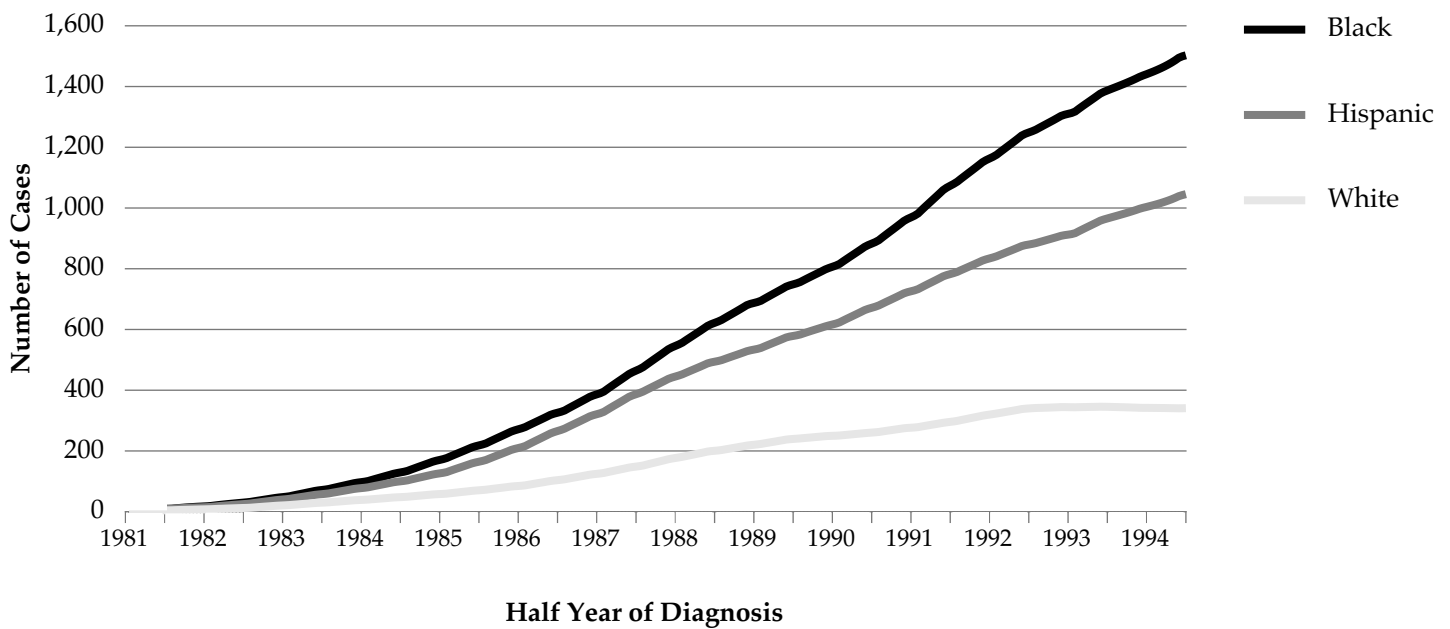
‡ Includes 58 Asian/Pacific Islanders and 15 Native American/Alaskan Natives.

§ Data for 1993 and 1994 are incomplete due to delay in case reporting.

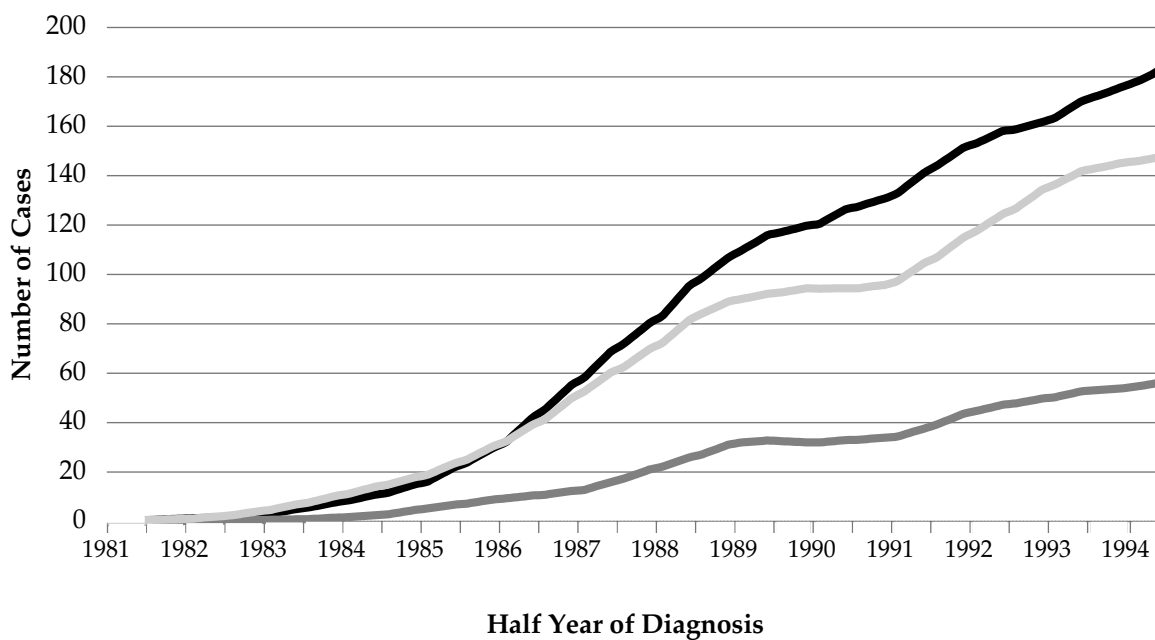
AIDS Incidence Among Injecting Drug Users by Race/Ethnicity, Half Year of Diagnosis and Region*

New York State, December 31, 1994

New York City



Rest of State



* Includes injection drug users and men who have sex with men and inject drugs. The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description. Please note that scales of graphs are not consistent across regions.

AIDS Incidence Among Men Who Have Sex With Men by Race/Ethnicity, Year of Diagnosis and Region*

New York State, December 31, 1994

		White		Black		Hispanic		Other/Missing [†]		Total
		#	%	#	%	#	%	#	%	#
New York City										
Through	81	82	67.2	26	21.3	14	11.5	0	—	122
	82	177	65.8	54	20.1	37	13.8	1	0.4	269
	83	362	65.8	98	17.8	88	16.0	2	0.4	550
	84	656	67.3	180	18.5	135	13.8	4	0.4	975
	85	884	62.7	271	19.2	239	17.0	15	1.1	1,409
	86	1,260	63.1	382	19.1	332	16.6	23	1.2	1,997
	87	1,308	58.6	476	21.3	419	18.8	30	1.3	2,233
	88	1,335	54.0	574	23.2	505	20.4	57	2.3	2,471
	89	1,306	53.0	602	24.4	501	20.3	55	2.2	2,464
	90	1,242	51.1	631	25.9	522	21.5	37	1.5	2,432
	91	1,234	47.1	729	27.8	605	23.1	52	2.0	2,620
	92	1,269	44.6	847	29.7	678	23.8	54	1.9	2,848
	93 [‡]	1,242	42.3	890	30.3	768	26.1	38	1.3	2,938
	94 [‡]	627	41.1	486	31.8	400	26.2	14	0.9	1,527
Total		12,984	52.2	6,246	25.1	5,243	21.1	382	1.5	24,855
Rest of State										
Through	81	2	100.0	0	—	0	—	0	—	2
	82	9	100.0	0	—	0	—	0	—	9
	83	34	79.1	5	11.6	4	9.3	0	—	43
	84	74	82.2	8	8.9	8	8.9	0	—	90
	85	136	83.4	16	9.8	11	6.7	0	—	163
	86	208	82.5	34	13.5	8	3.2	2	0.8	252
	87	283	81.8	49	14.2	9	2.6	5	1.4	346
	88	313	78.6	58	14.6	23	5.8	4	1.0	398
	89	368	83.1	59	13.3	16	3.6	0	—	443
	90	391	75.8	91	17.6	31	6.0	3	0.6	516
	91	420	74.5	100	17.7	40	7.1	4	0.7	564
	92	433	73.1	119	20.1	32	5.4	8	1.4	592
	93 [‡]	402	68.3	134	22.8	45	7.6	8	1.4	589
	94 [‡]	163	70.3	50	21.6	17	7.3	2	0.9	232
Total		3,236	76.3	723	17.1	244	5.8	36	0.8	4,239

* Excludes 92 prison inmates reported as men who have sex with men.

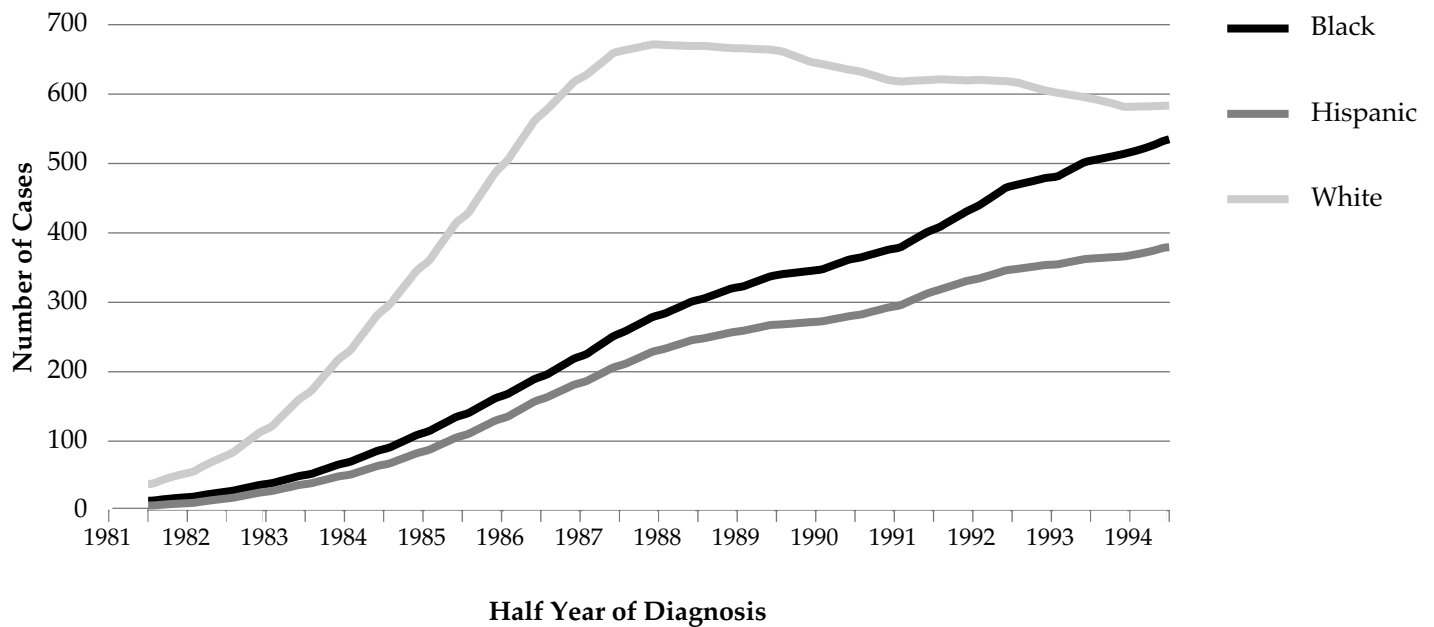
[†] Includes 282 Asian/Pacific Islanders and 11 Native American/Alaskan Natives.

[‡] Data for 1993 and 1994 are incomplete due to delay in case reporting.

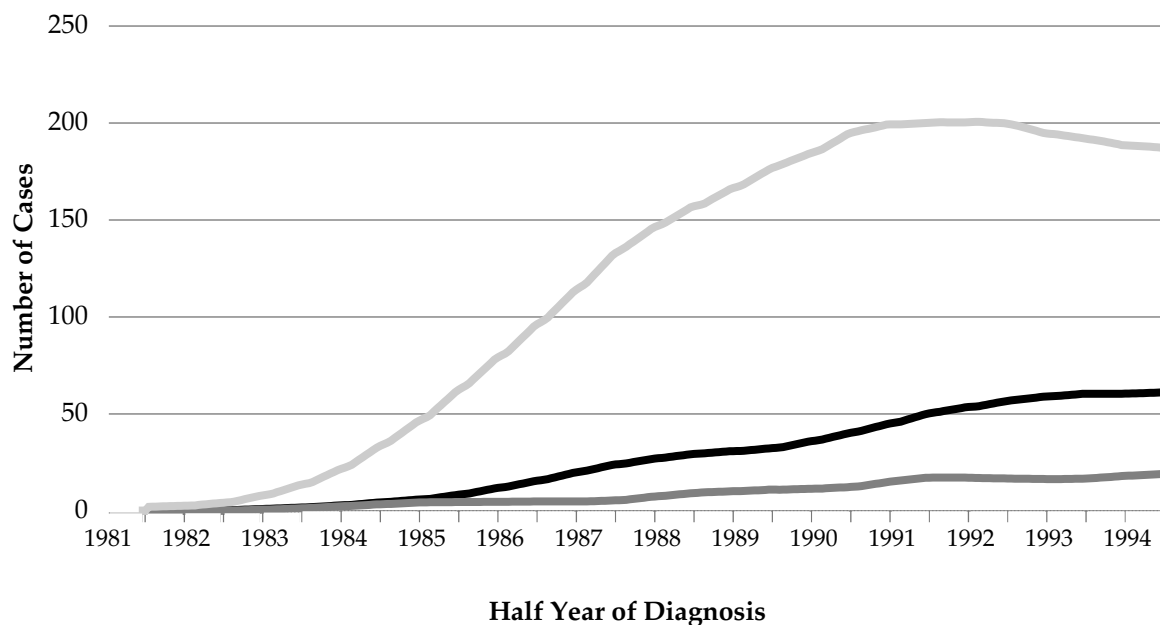
AIDS Cases Among Men Who Have Sex With Men by Race/Ethnicity, Half Year of Diagnosis and Region*

New York State, December 31, 1994

New York City



Rest of State



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description. Please note that scales of graphs are not consistent across regions.

AIDS Cases Attributable to Heterosexual Transmission by Sex, Age, Exposure Category of Partner, Residence, Year of Diagnosis and Race/Ethnicity

New York State, December 31, 1994

		White		Black		Hispanic		Other/Unknown*		Total
		#	%	#	%	#	%	#	%	#
Sex										
Male		129	20.1	324	50.5	180	28.1	8	1.2	641
Female		772	16.4	2,216	47.0	1,697	36.0	32	0.7	4,717
Age Group										
13-19		4	8.9	23	51.1	18	40.0	0	—	45
20-24		55	17.7	140	45.0	112	36.0	4	1.3	311
25-29		173	18.0	434	45.3	344	35.9	8	0.8	959
30-39		354	15.2	1,168	50.2	790	34.0	14	0.6	2,326
40-49		199	17.9	488	43.9	414	37.3	10	0.9	1,111
50+		116	19.1	287	47.4	199	32.8	4	0.7	606
Exposure Category of Partner										
Injecting Drug User		503	16.0	1,431	45.5	1,192	37.9	20	0.6	3,146
Bisexual Male		85	23.9	161	45.4	102	28.7	7	2.0	355
Recipient of Blood Products		28	42.4	20	30.3	15	22.7	3	4.5	66
Other†		285	15.9	928	51.8	568	31.7	10	0.6	1,791
Residence‡										
New York City		497	11.4	2,139	49.0	1,697	38.9	35	0.8	4,368
Rest of State		403	42.3	383	40.2	162	17.0	4	0.4	952
Year of Diagnosis										
Through	82	0	—	2	28.6	5	71.4	0	—	7
	83	1	7.7	5	38.5	7	53.8	0	—	13
	84	6	17.1	14	40.0	15	42.9	0	—	35
	85	12	15.2	39	49.4	28	35.4	0	—	79
	86	33	24.6	51	38.1	48	35.8	2	1.5	134
	87	42	17.4	111	46.1	87	36.1	1	0.4	241
	88	78	23.9	118	36.2	125	38.3	5	1.5	326
	89	72	18.2	173	43.7	145	36.6	6	1.5	396
	90	92	17.5	247	46.9	182	34.5	6	1.1	527
	91	128	19.4	321	48.7	207	31.4	3	0.5	659
	92	149	16.8	408	46.0	324	36.6	5	0.6	886
	93§	186	14.6	649	50.9	432	33.9	9	0.7	1,276
	94§	102	13.1	402	51.6	272	34.9	3	0.4	779
Total		901	16.8	2,540	47.4	1,877	35.0	40	0.8	5,358

* Includes 20 Asian/Pacific Islanders.

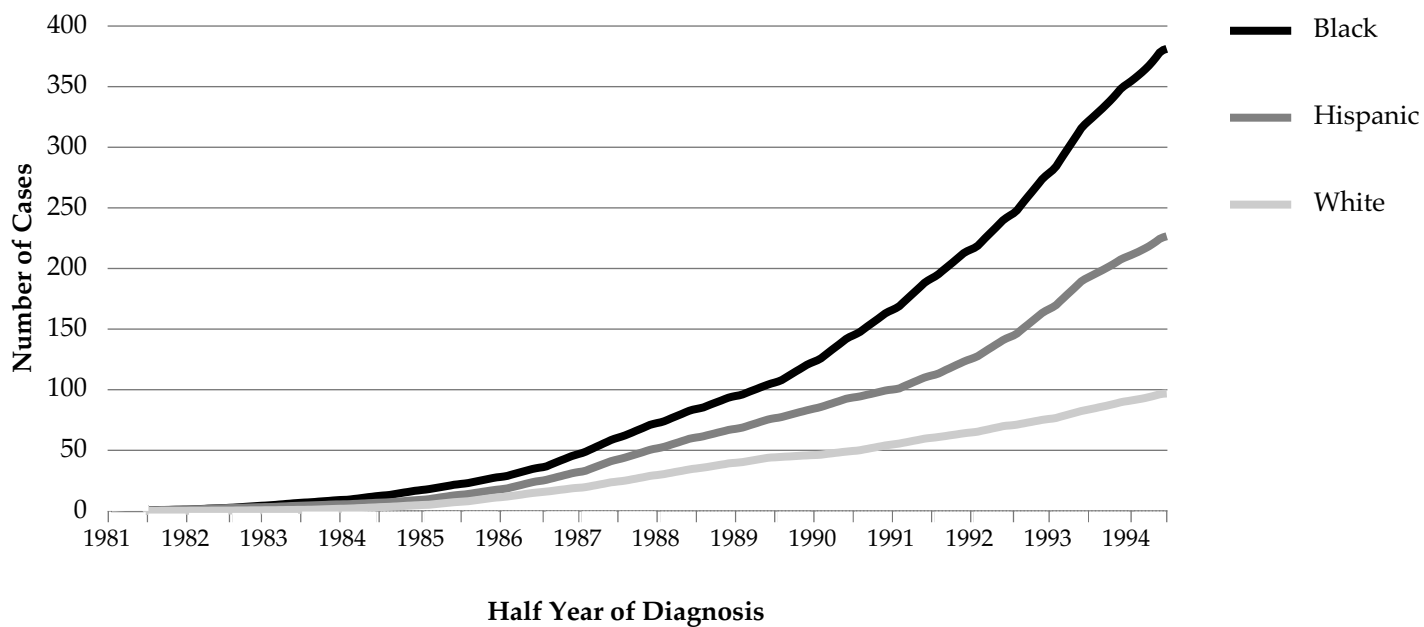
† HIV-infected individual whose risk is not documented in medical records.

‡ Excludes 38 prisoners with heterosexually acquired AIDS.

§ Data for 1993 and 1994 are incomplete due to delay in case reporting.

AIDS Cases Attributable to Heterosexual Transmission by Race/Ethnicity and Half Year of Diagnosis*

New York State, December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

AIDS Cases by Race/Ethnicity and Exposure Category

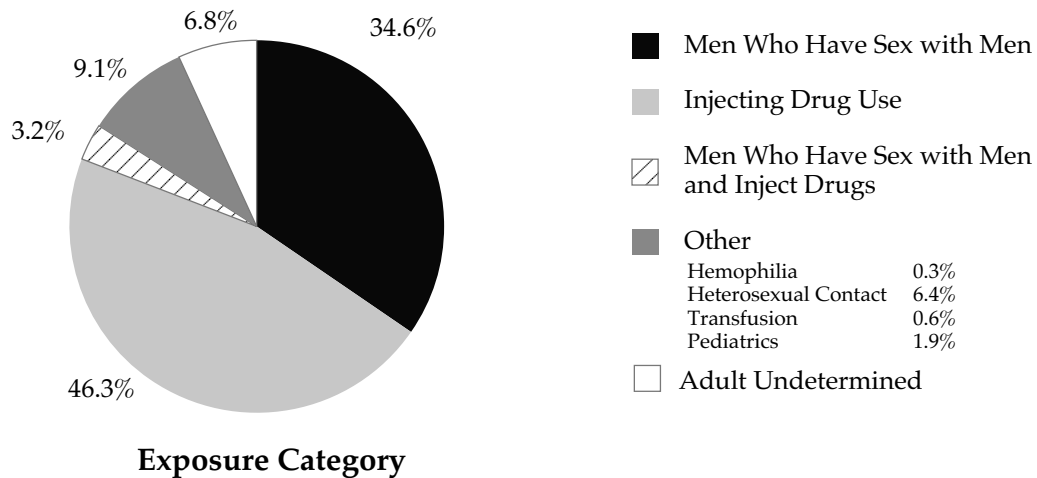
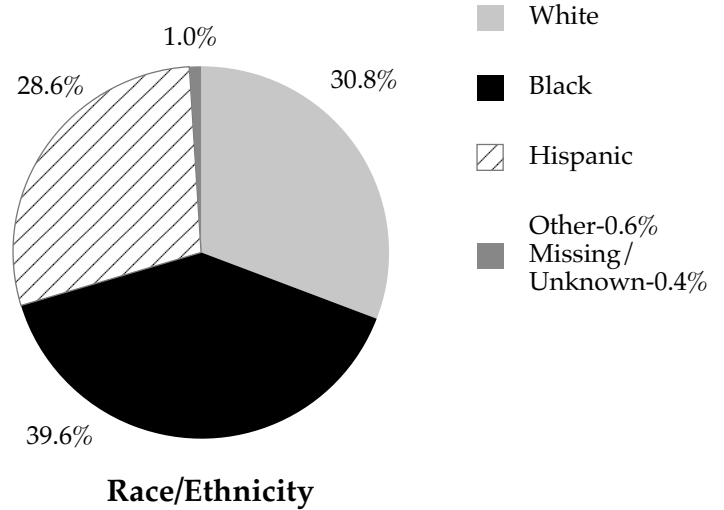
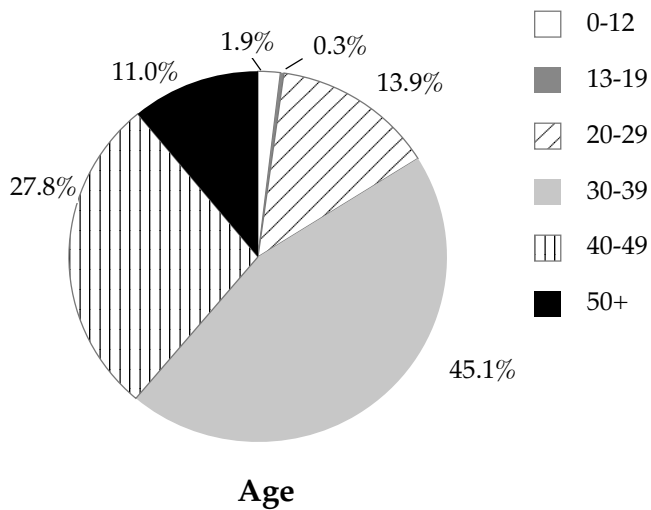
New York State, Through December 31, 1994

Exposure Category	White		Black		Hispanic		Asian/ Pacific Islander		Native American		Total*
	#	%	#	%	#	%	#	%	#	%	#
Adults											
Men Who Have Sex with Men	16,235	55.6	7,017	24.0	5,514	18.9	282	1.0	11	<0.1	29,186
Injecting Drug Use	6,351	16.3	18,429	47.2	14,081	36.1	50	0.1	13	<0.1	39,041
Men Who Have Sex with Men and Inject Drugs	870	32.4	1,055	39.2	743	27.6	8	0.3	3	0.1	2,688
Hemophilia	165	76.7	24	11.2	26	12.1	0	—	0	—	215
Heterosexual Contact	901	16.8	2,540	47.4	1,877	35.0	20	0.4	0	—	5,358
Transfusion	298	62.5	119	24.9	49	10.3	11	2.3	0	—	477
Undetermined	998	17.3	3,387	58.7	1,274	22.1	72	1.2	3	0.1	5,766
All Pediatric	164	10.3	861	53.8	563	35.2	4	0.3	1	0.1	1,600
Total	25,982	30.8	33,432	39.6	24,127	28.6	447	0.5	31	<0.1	84,331

* Total includes 312 individuals with unknown race/ethnicity.

Distribution of AIDS Cases by Age, Race/Ethnicity and Exposure Category

New York State, Through December 31, 1994



Adult Male AIDS Cases by Race/Ethnicity, Exposure Category and Year of Diagnosis

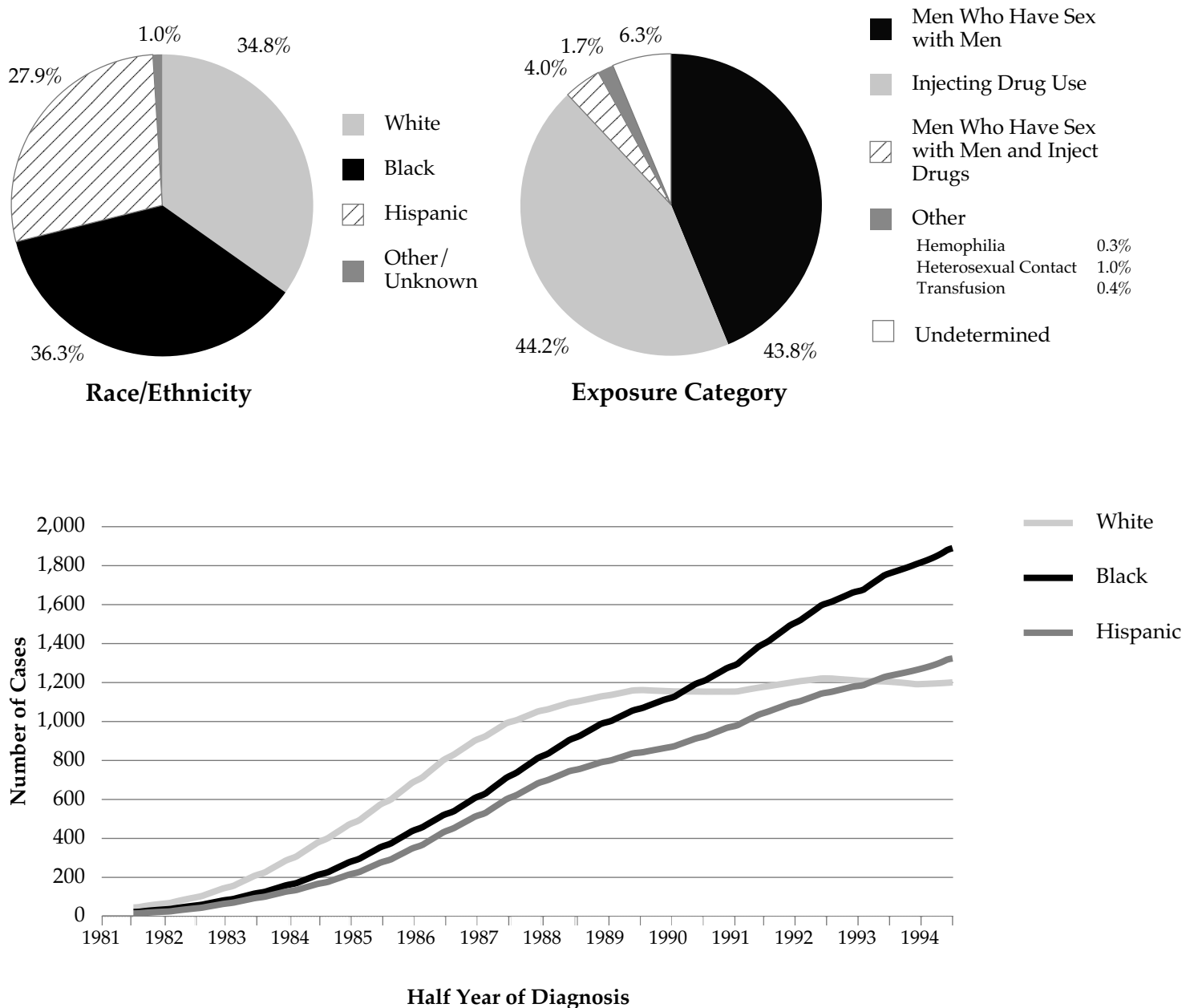
New York State, Through December 31, 1994

		White		Black		Hispanic		Other/ Unknown		Total
		#	%	#	%	#	%	#	%	#
Exposure Category										
Men Who Have Sex With Men		16,235	55.6	7,017	24.0	5,514	18.9	420	1.4	29,186
Injecting Drug Use		4,821	16.4	13,349	45.4	11,088	37.7	137	0.5	29,395
Men Who Have Sex with Men and Inject Drugs		870	32.4	1,055	39.2	743	27.6	20	0.7	2,688
Heterosexual Contact		129	20.1	324	50.5	180	28.1	8	1.2	641
Hemophilia		156	78.0	19	9.5	25	12.5	0	—	200
Transfusion		194	70.0	50	18.1	26	9.4	7	2.5	277
Undetermined		789	18.9	2,327	55.7	976	23.4	87	2.1	4,179
Year of Diagnosis										
Through	81	95	57.2	44	26.5	27	16.3	0	—	166
	82	227	49.8	135	29.6	92	20.2	2	0.4	456
	83	481	48.9	267	27.1	231	23.5	5	0.5	984
	84	880	50.5	489	28.1	366	21.0	7	0.4	1,742
	85	1,237	45.9	810	30.0	630	23.4	19	0.7	2,696
	86	1,804	45.7	1,152	29.2	957	24.2	35	0.9	3,948
	87	2,043	41.9	1,514	31.0	1,276	26.1	48	1.0	4,881
	88	2,303	38.4	1,957	32.6	1,647	27.5	89	1.5	5,996
	89	2,376	37.4	2,198	34.6	1,693	26.6	91	1.4	6,358
	90	2,376	34.6	2,505	36.5	1,916	27.9	62	0.9	6,859
	91	2,533	31.6	3,099	38.7	2,286	28.5	95	1.2	8,013
	92	2,791	30.3	3,684	40.0	2,629	28.5	109	1.2	9,213
	93*	2,723	27.7	3,960	40.3	3,057	31.1	88	0.9	9,828
	94*	1,325	24.4	2,327	42.9	1,745	32.2	29	0.5	5,426
Total		23,194	34.8	24,141	36.3	18,552	27.9	679	1.0	66,566

* Data for 1993 and 1994 are incomplete due to delay in case reporting.

Adult Male AIDS Cases by Race/Ethnicity, Exposure Category and Half Year of Diagnosis*

New York State, Through December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

Adult Female AIDS Cases by Race/Ethnicity, Exposure Category and Year of Diagnosis

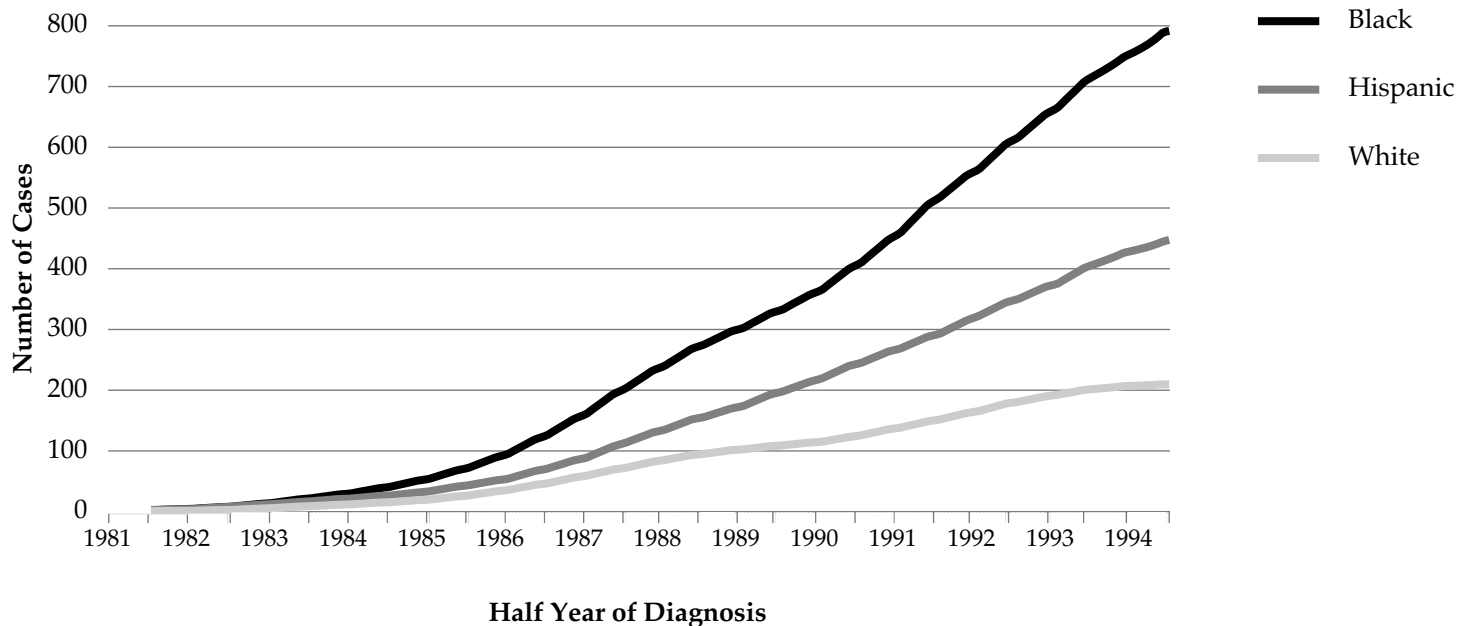
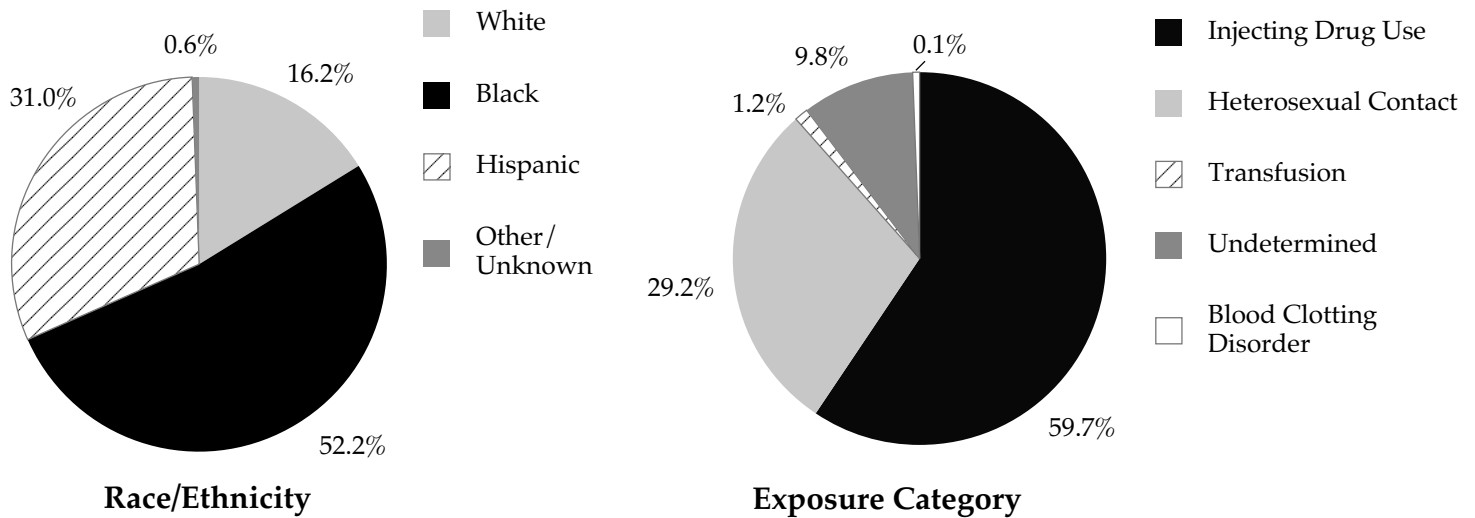
New York State, Through December 31, 1994

		White		Black		Hispanic		Other/ Unknown		Total
		#	%	#	%	#	%	#	%	#
Exposure Category										
Injecting Drug Use		1,530	15.9	5,080	52.7	2,993	31.0	43	0.4	9,646
Heterosexual Contact		772	16.4	2,216	47.0	1,697	36.0	32	0.7	4,717
Blood Clotting Disorder		9	60.0	5	33.3	1	6.7	0	—	15
Transfusion		104	52.0	69	34.5	23	11.5	4	2.0	200
Undetermined		209	13.2	1,060	66.8	298	18.8	20	1.3	1,587
Year of Diagnosis										
Through	81	1	9.1	4	36.4	6	54.5	0	—	11
	82	6	16.2	19	51.4	12	32.4	0	—	37
	83	23	20.4	48	42.5	42	37.2	0	—	113
	84	31	18.5	84	50.0	53	31.5	0	—	168
	85	56	18.0	156	50.2	96	30.9	3	1.0	311
	86	102	20.1	265	52.2	137	27.0	4	0.8	508
	87	157	18.6	438	51.8	245	29.0	6	0.7	846
	88	205	18.2	583	51.6	331	29.3	10	0.9	1,129
	89	222	16.7	687	51.6	409	30.7	14	1.1	1,332
	90	267	15.8	880	52.0	530	31.3	16	0.9	1,693
	91	378	16.9	1,167	52.1	680	30.4	14	0.6	2,239
	92	447	16.3	1,423	52.0	852	31.1	14	0.5	2,736
	93*	491	15.2	1,724	53.3	1,006	31.1	14	0.4	3,235
	94*	238	13.2	952	52.7	613	33.9	4	0.2	1,807
Total		2,624	16.2	8,430	52.1	5,012	31.0	99	0.6	16,165

* Data for 1993 and 1994 are incomplete due to delay in case reporting.

Adult Female AIDS Cases by Race/Ethnicity, Exposure Category and Half Year of Diagnosis*

New York State, Through December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

AIDS Cases Among Adolescents and Adults Under Age 25 by Exposure Category and Selected Demographic Variables New York State, December 31, 1994

	Men Who Have Sex With Men		Injecting Drug Use [‡]		Heterosexual Contact		Receipt of Blood Products [§]		Undetermined		Total
	#	%	#	%	#	%	#	%	#	%	#
Sex											
Male	866	55.9	463	29.9	20	1.3	76	4.9	124	8.0	1,549
Female	—	—	297	38.4	336	43.5	16	2.1	124	16.0	773
Race/Ethnicity											
White	249	47.1	141	26.7	59	11.2	65	12.3	15	2.8	529
Black	351	36.7	253	26.5	163	17.1	12	1.3	177	18.5	956
Hispanic	258	31.6	362	44.3	130	15.9	14	1.7	53	6.5	817
Other	5	45.5	1	9.1	2	18.2	1	9.1	2	18.2	11
Unknown	3	33.3	3	33.3	2	22.2	0	0	1	11.1	9
Age											
13-19	43	19.5	38	17.2	45	20.4	54	24.4	41	18.6	221
20-24	823	39.2	722	34.4	311	14.8	38	1.8	207	9.9	2,101
Residence*											
New York City	710	38.2	609	32.7	287	15.4	40	2.2	214	11.5	1,860
Rest of State	144	37.5	92	24.0	67	17.4	52	13.5	29	7.6	384
Year of Diagnosis											
Through 82	11	47.8	8	34.8	0	0	0	0	4	17.4	23
83	19	45.2	15	35.7	4	9.5	2	4.8	2	4.8	42
84	42	51.9	19	23.5	5	6.2	10	12.3	5	6.2	81
85	49	43.8	40	35.7	11	9.8	2	1.8	10	8.9	112
86	97	52.4	55	29.7	16	8.6	7	3.8	10	5.4	185
87	112	50.2	66	29.6	24	10.8	7	3.1	14	6.3	223
88	94	41.4	84	37.0	24	10.6	10	4.4	15	6.6	227
89	79	35.7	82	37.1	31	14.0	6	2.7	23	10.4	221
90	84	34.1	75	30.5	41	16.7	13	5.3	33	13.4	246
91	76	28.8	101	38.3	51	19.3	8	3.0	28	10.6	264
92	73	32.0	81	35.5	43	18.9	8	3.5	23	10.1	228
93 [†]	88	28.8	90	29.4	64	20.9	14	4.6	50	16.3	306
94 [†]	42	25.6	44	26.8	42	25.6	5	3.0	31	18.9	164
Total	866	37.3	760	32.7	356	15.3	92	4.0	248	10.7	2,322

* Excludes 78 adolescent and young adult prison inmates.

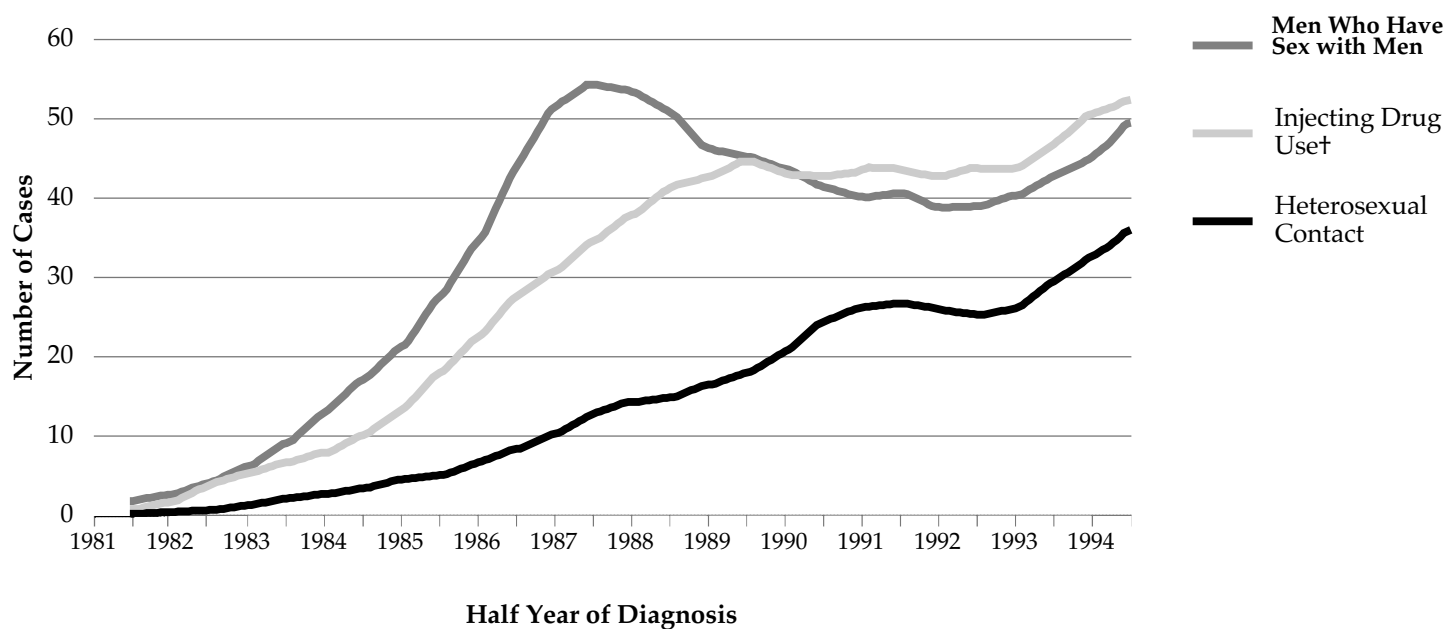
† Data for 1993 and 1994 are incomplete due to delay in case reporting.

‡ Includes injecting drug users and men who have sex with men and inject drugs.

§ Includes 64 persons with hemophilia and 28 persons who received blood transfusions.

AIDS Incidence Among Adolescents and Adults Under Age 25 by Exposure Category and Half Year of Diagnosis*

New York State, December 31, 1994



* The data shown represent an adjustment for the 1993 expansion of the AIDS surveillance case definition and a subsequent adjustment for reporting delay. See page 42 for a detailed description.

† Includes injecting drug users and men who have sex with men and inject drugs.

AIDS Cases Among Persons Aged 55 and Older

by Exposure Category and Selected Demographic Variables

New York State, December 31, 1994

		Men Who Have Sex With Men		Injecting Drug Use*		Heterosexual Contact		Receipt of Blood Products†		Undetermined		Total
		#	%	#	%	#	%	#	%	#	%	#
Sex												
Male		2,002	49.4	1217	30.0	75	1.9	156	3.9	601	14.8	4,051
Female		—	—	192	26.5	277	38.2	77	10.6	179	24.7	725
Race/Ethnicity												
White		1,167	65.5	152	8.5	74	4.2	186	10.4	204	11.4	1,783
Black		472	25.2	851	45.4	159	8.5	31	1.7	360	19.2	1,873
Hispanic		336	32.0	394	37.5	115	10.9	11	1.0	195	18.6	1,051
Other/Unknown		27	39.1	12	17.4	4	5.8	5	7.2	21	30.4	69
Residence‡												
New York City		1,736	42.5	1,268	31.1	288	7.1	117	2.9	672	16.5	4,081
Rest of State		266	40.2	111	16.8	63	9.5	115	17.4	107	16.2	662
Year of Diagnosis												
Through	82	14	82.4	2	11.8	0	—	0	—	1	5.9	17
	83	38	69.1	7	12.7	0	—	4	7.3	6	10.9	55
	84	52	57.1	10	11.0	2	2.2	17	18.7	10	11.0	91
	85	93	65.5	20	14.1	3	2.1	15	10.6	11	7.7	142
	86	144	57.1	53	21.0	4	1.6	29	11.5	22	8.7	252
	87	162	55.3	48	16.4	8	2.7	35	11.9	40	13.7	293
	88	219	53.5	88	21.5	20	4.9	42	10.3	40	9.8	409
	89	209	48.9	94	22.0	25	5.9	28	6.6	71	16.6	427
	90	193	41.8	154	33.3	31	6.7	16	3.5	68	14.7	462
	91	205	35.1	215	36.8	42	7.2	16	2.7	106	18.2	584
	92	261	35.5	265	36.0	58	7.9	19	2.6	133	18.1	736
	93 §	268	32.4	293	35.5	95	11.5	10	1.2	160	19.4	826
	94 §	144	29.9	160	33.2	64	13.3	2	0.4	112	23.2	482
Total		2,002	41.9	1,409	29.5	352	7.4	233	4.9	780	16.3	4,776

* Includes injecting drug users and men who have sex with men and inject drugs.

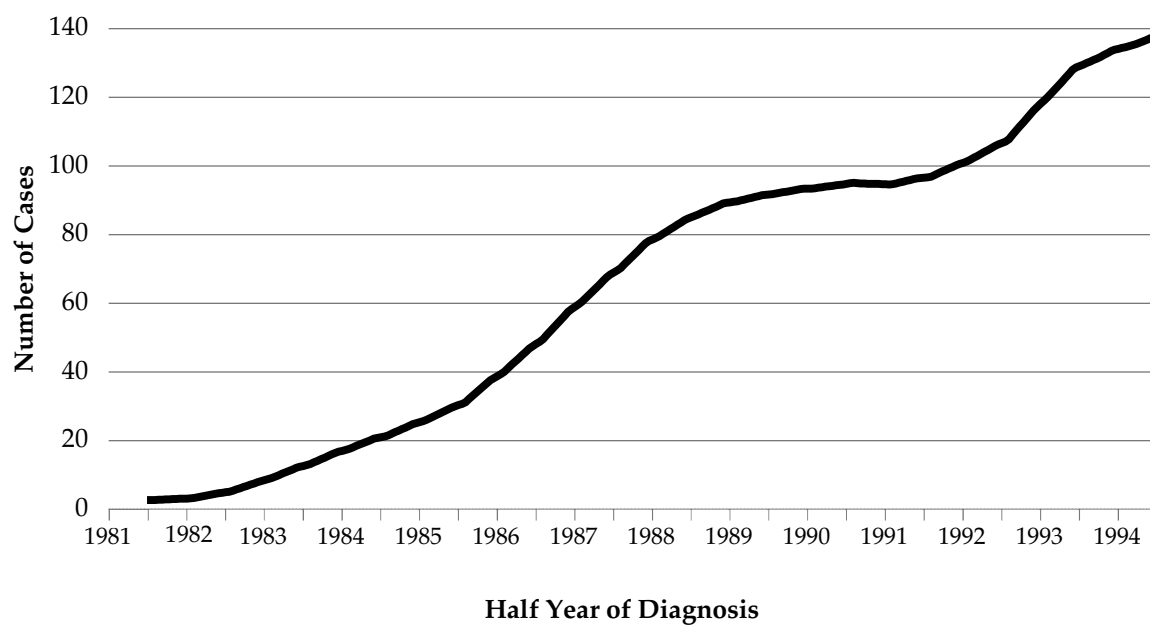
† Includes 18 persons with hemophilia and 215 persons who received blood transfusions.

‡ Excludes 33 prison inmates aged 55 and older.

§ Data for 1993 and 1994 are incomplete due to delay in case reporting.

Pediatric AIDS Cases by Half Year of Diagnosis*

New York State, December 31, 1994



* All cases less than 13 years of age at diagnosis. Data have been adjusted for delay in case reporting.

Pediatric AIDS Cases by Race/Ethnicity, Exposure Category, Residence and Year of Diagnosis

New York State, December 31, 1994

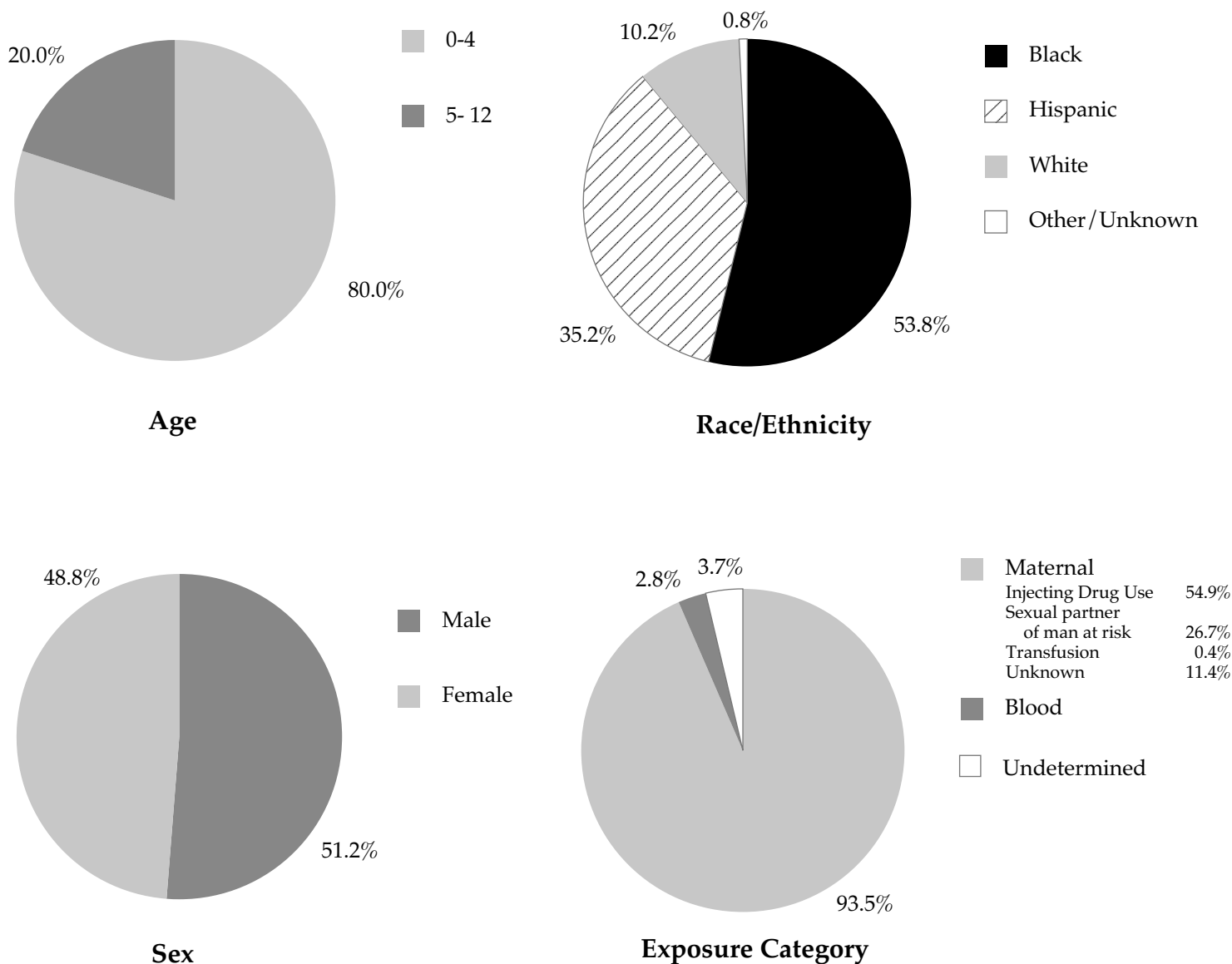
	Number	Percent
Race/Ethnicity		
White	164	10.2
Black	861	53.8
Hispanic	563	35.2
Other/Unknown	12	0.8
Exposure Category		
Maternal	1,496	93.5
Hemophilia	8	0.5
Transfusion	37	2.3
Undetermined	59	3.7
Residence		
Bronx	436	27.3
Brooklyn	486	30.4
Manhattan	290	18.1
Queens	168	10.5
Staten Island	28	1.8
New York City borough unknown	1	0.1
New York State excluding NYC	191	11.9
Year of Diagnosis		
Through 82	17	1.1
83	34	2.1
84	44	2.8
85	67	4.2
86	108	6.8
87	148	9.3
88	181	11.3
89	180	11.3
90	194	12.1
91	184	11.5
92	205	12.8
93 [†]	171	10.7
94 [†]	67	4.2
Total	1,600	100.0

* Maternal risks were injecting drug use (54.9%), sexual contact with HIV-infected partner (26.7%), blood transfusion (2.3%) and unknown (11.4%).

†Data for 1993 and 1994 are incomplete due to delay in case reporting.

Distribution of Pediatric AIDS Cases by Age, Race/Ethnicity, Sex and Exposure Category

New York State, Through December 31, 1994



Pediatric AIDS Case Rates by Borough

New York City, December 31, 1994

Borough	Total Pediatric AIDS Cases	Cumulative Case Rate per 100,000 Children*
Bronx	436	174
Manhattan	290	156
Brooklyn	486	108
Queens	168	56
Staten Island	28	42
Unknown	1	—
Total New York City	1,409	112

*Based on 1990 census figures for children 0-12 years of age.

Maternally Transmitted Pediatric AIDS Cases by Year and Age at Diagnosis and Survival

New York State, December 31, 1994

Maternally Transmitted Pediatric AIDS Cases

Age at Diagnosis (Years)	Cases Diagnosed Per Year																Total	Percent
	1979	80	81	82	83	84	85	86	87	88	89	90	91	92	93*	94*		
<1	2	0	2	0	16	19	32	52	63	51	55	71	61	55	43	14	536	35.8
1	1	0	0	4	7	9	11	18	29	49	37	35	28	40	33	11	312	20.9
2			0	2	3	5	4	10	15	20	24	19	18	24	17	3	164	11.0
3			1	2	0	1	7	7	9	17	10	10	18	6	14	6	108	7.2
4					2	0	4	3	8	12	10	9	10	18	14	7	97	6.5
5					2	0	0	3	5	9	10	7	10	11	6	4	67	4.5
6						2	0	3	4	2	9	9	5	11	9	4	58	3.9
7						2	1	3	1	4	5	6	9	11	9	4	55	3.7
8							1	2	3	1	1	5	9	5	5	4	36	2.4
9									4	2	1	3	3	6	4	0	23	1.5
10											5	3	1	4	5	4	22	1.5
11											3	4	3	2	2	0	14	0.9
12													3	0	1	0	4	0.3
Total	3	0	3	8	30	38	60	101	141	167	170	181	178	193	162	61	1,496	100.0

Survival from Birth of Reported Maternally Transmitted Pediatric AIDS Cases

Year of Birth	Months To Death					Still Alive	Total
	0-6	7-12	13-18	19-24	25+		
1977- 84	15	12	10	3	217	132	389
85	11	12	6	8	44	46	127
86	14	15	17	10	45	67	168
87	29	9	8	11	37	68	162
88	14	14	9	10	52	53	152
89	21	11	14	8	27	55	136
90	15	12	18	8	23	63	139
91	8	4	8	9	16	63	108
92	5	6	6	7	3	46	73
93*	7	5	4	0	—	22	38
94*	0	0	—	—	—	4	4

* Data for 1993 and 1994 are incomplete due to delay in case reporting.

AIDS Cases Among State Prison Inmates* by Exposure Category, Year of Diagnosis and Race/Ethnicity

New York State, Through December 31, 1994

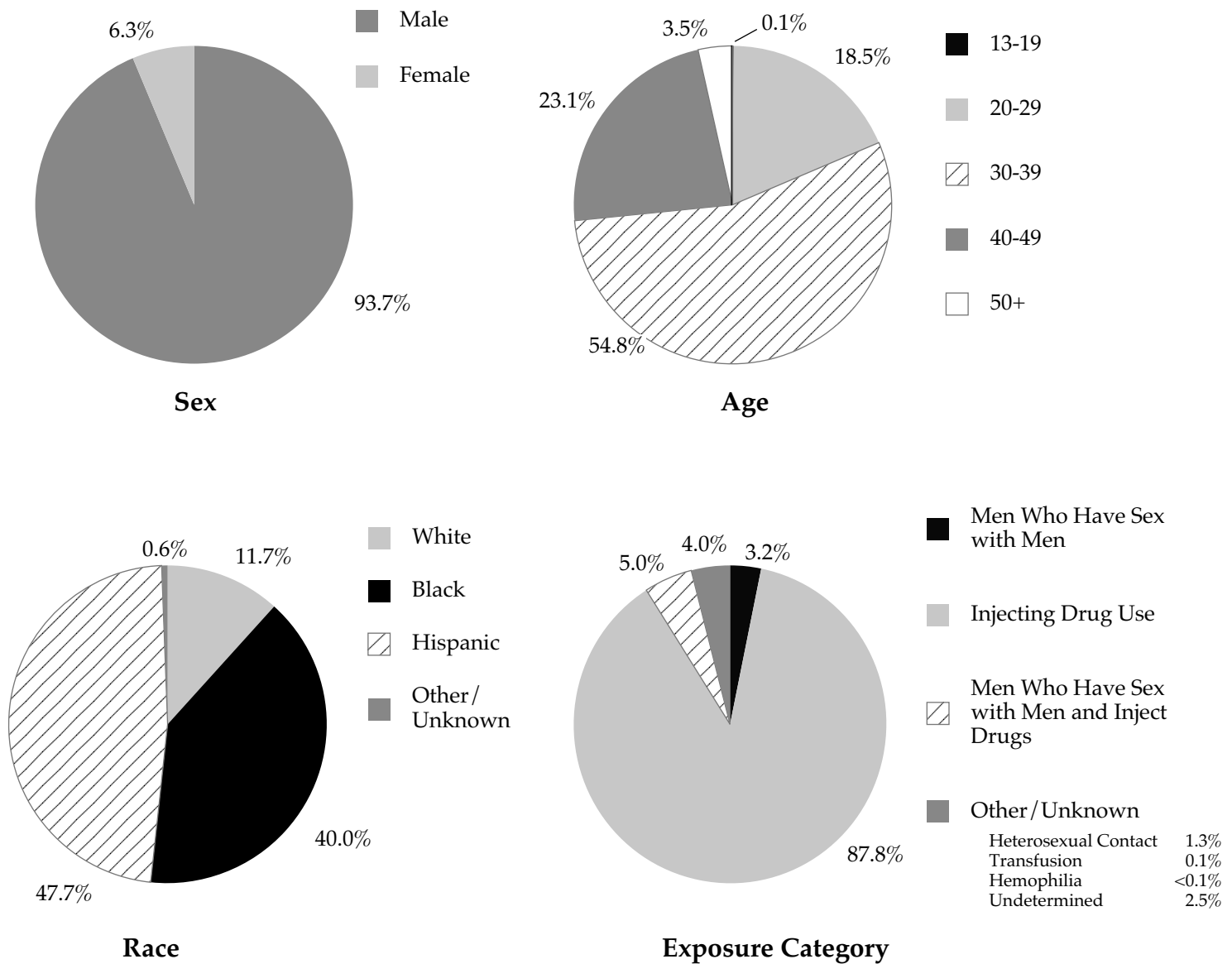
		White		Black		Hispanic		Other/ Unknown		Total
		#	%	#	%	#	%	#	%	#
Exposure Category										
Men Who Have Sex With Men		15	16.3	48	52.2	27	29.3	2	2.2	92
Injecting Drug Use		292	11.5	982	38.8	1244	49.2	11	0.4	2,529
Men Who Have Sex With Men and Inject Drugs		23	16.0	62	43.1	59	41.0	0	—	144
Heterosexual Contact		1	2.6	18	47.4	18	47.4	1	2.6	38
Receipt of Blood Products		1	33.3	1	33.3	1	33.3	0	—	3
Undetermined		4	5.5	42	57.5	23	31.5	4	5.5	73
Year of Diagnosis										
Through	1982	6	27.3	8	36.4	8	36.4	0	—	22
	1983	7	13.2	18	34.0	28	52.8	0	—	53
	1984	11	16.2	22	32.4	35	51.5	0	—	68
	1985	23	14.5	63	39.6	73	45.9	0	—	159
	1986	27	14.2	79	41.6	81	42.6	3	1.6	190
	1987	31	11.8	99	37.6	133	50.6	0	—	263
	1988	33	11.7	114	40.3	136	48.1	0	—	283
	1989	44	14.2	120	38.8	145	46.9	0	—	309
	1990	29	9.7	111	37.1	158	52.8	1	0.3	299
	1991	33	8.7	154	40.7	187	49.5	4	1.1	378
	1992	40	12.2	146	44.6	136	41.6	5	1.5	327
	1993†	35	9.6	153	42.1	172	47.4	3	0.8	363
	1994†	17	10.3	66	40.0	80	48.5	2	1.2	165
Total		336	11.7	1153	40.0	1372	47.7	18	0.6	2,879

* Includes all 182 female New York State prison inmates with AIDS, of whom 164 were injecting drug users, 14 were exposed through heterosexual contact with an infected partner and four had an undetermined mode of exposure.

† Data for 1993 and 1994 are incomplete due to delay in case reporting.

Distribution of AIDS Cases Among State Prison Inmates

New York State, Through December 31, 1994



Diseases at Diagnosis* Per 1,000 Adult AIDS Cases

New York State, Through December 31, 1994

	<i>Pneumocystis carinii</i> Pneumonia	Recurrent Pneumonia†	Tuberculosis†	Other Infectious Diseases‡	HIV Wasting and Encephalopathy	Malignancies§	Low CD4 Count†
1980	295.5	—	45.5	340.9	—	454.5	—
1981	368.4	—	37.6	466.2	—	360.9	—
1982	454.4	—	14.2	407.7	—	310.3	—
1983	528.7	—	17.3	287.1	1.8	259.8	—
1984	596.3	1.0	5.2	301.0	0.5	213.1	—
1985	588.3	—	9.3	299.6	4.3	198.2	1.3
1986	610.6	0.2	13.5	300.0	16.8	156.6	2.2
1987	591.1	—	24.6	296.3	56.1	125.0	5.1
1988	548.2	0.6	33.8	300.2	110.9	103.9	9.0
1989	511.1	1.7	46.3	306.0	111.1	97.3	23.5
1990	454.9	3.2	70.4	300.7	116.8	90.2	63.8
1991	360.4	7.4	100.0	283.7	127.5	81.2	180.9
1992	261.4	12.3	112.7	215.2	100.8	60.2	432.3
1993 ∞	157.5	23.4	83.5	137.4	65.4	39.0	683.2
1994 ∞	147.5	22.0	48.5	115.0	61.1	30.8	745.2
Total	381.3	8.9	63.9	245.1	82.9	90.2	268.0

*Based on initial AIDS-defining condition(s); more than one condition may have been reported at time of diagnosis.

†Pulmonary tuberculosis, recurrent pneumonia and low CD4 count (severe immunodeficiency) were added to the AIDS case definition on January 1, 1993. Low CD4 count is defined as CD4+ lymphocyte count < 200 /µl or < 14% of total lymphocytes.

‡Includes fungal, mycobacterial, viral and parasitic diseases not otherwise classified.

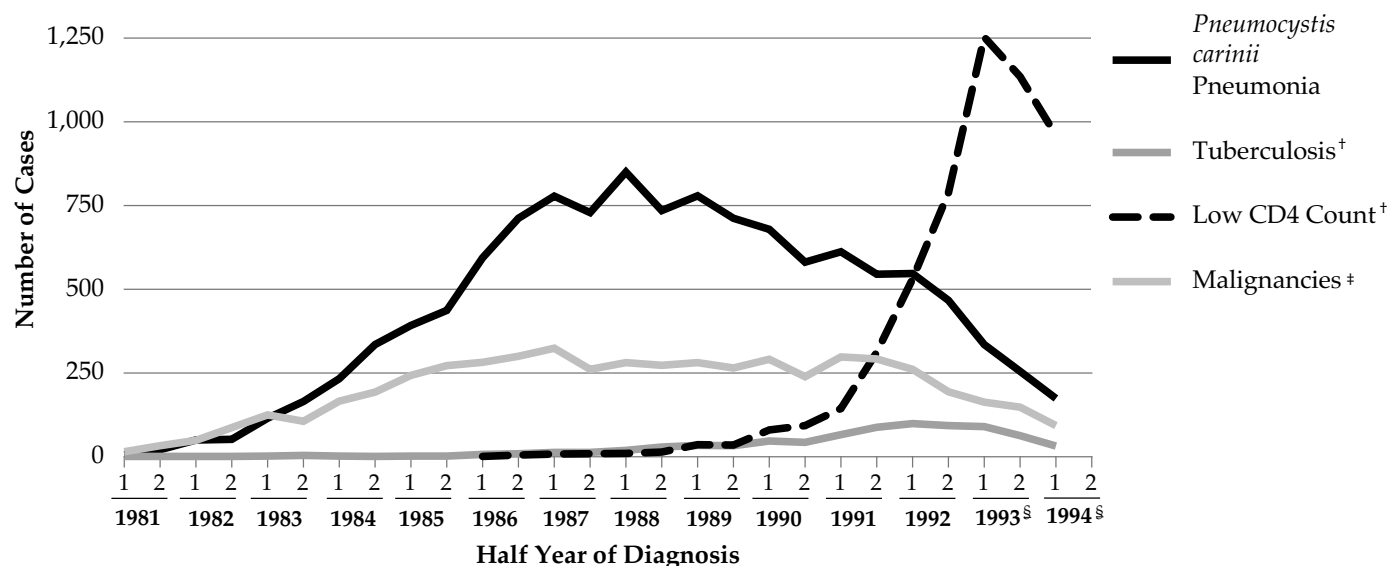
§Kaposi's sarcoma accounted for 80% of total reported AIDS-defining malignancies.

∞ Data for 1993 and 1994 are incomplete due to delay in case reporting.

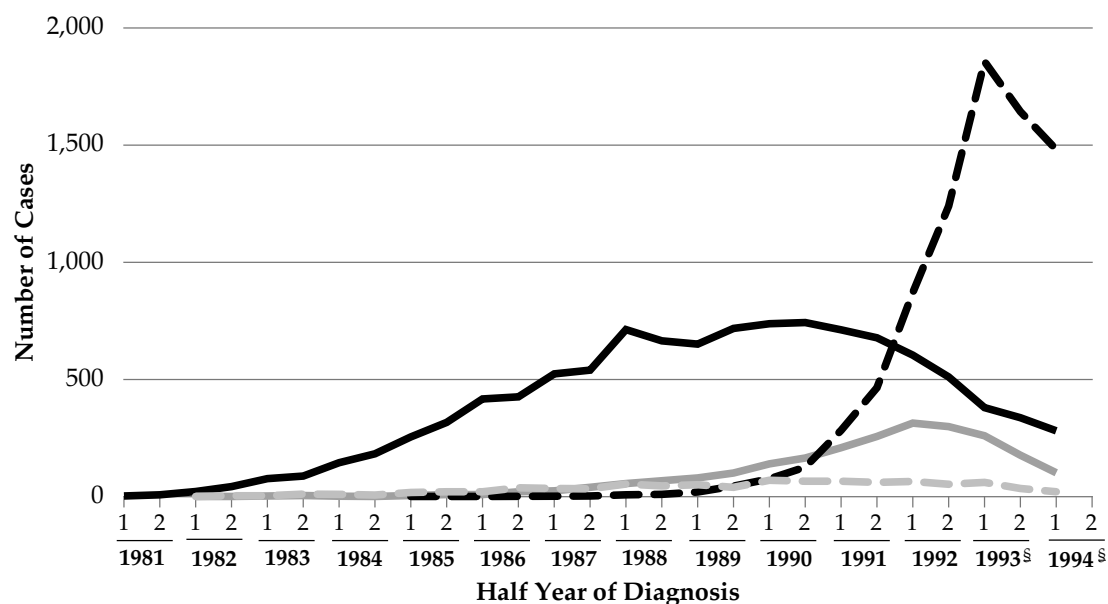
Selected Diseases at Diagnosis* Among Adult Male AIDS Cases by Exposure Category and Half Year of Diagnosis

New York State, Through December 31, 1994

Men Who Have Sex With Men



Injection Drug Users



*Based on initial AIDS-defining condition(s); more than one condition may have been reported at time of diagnosis.

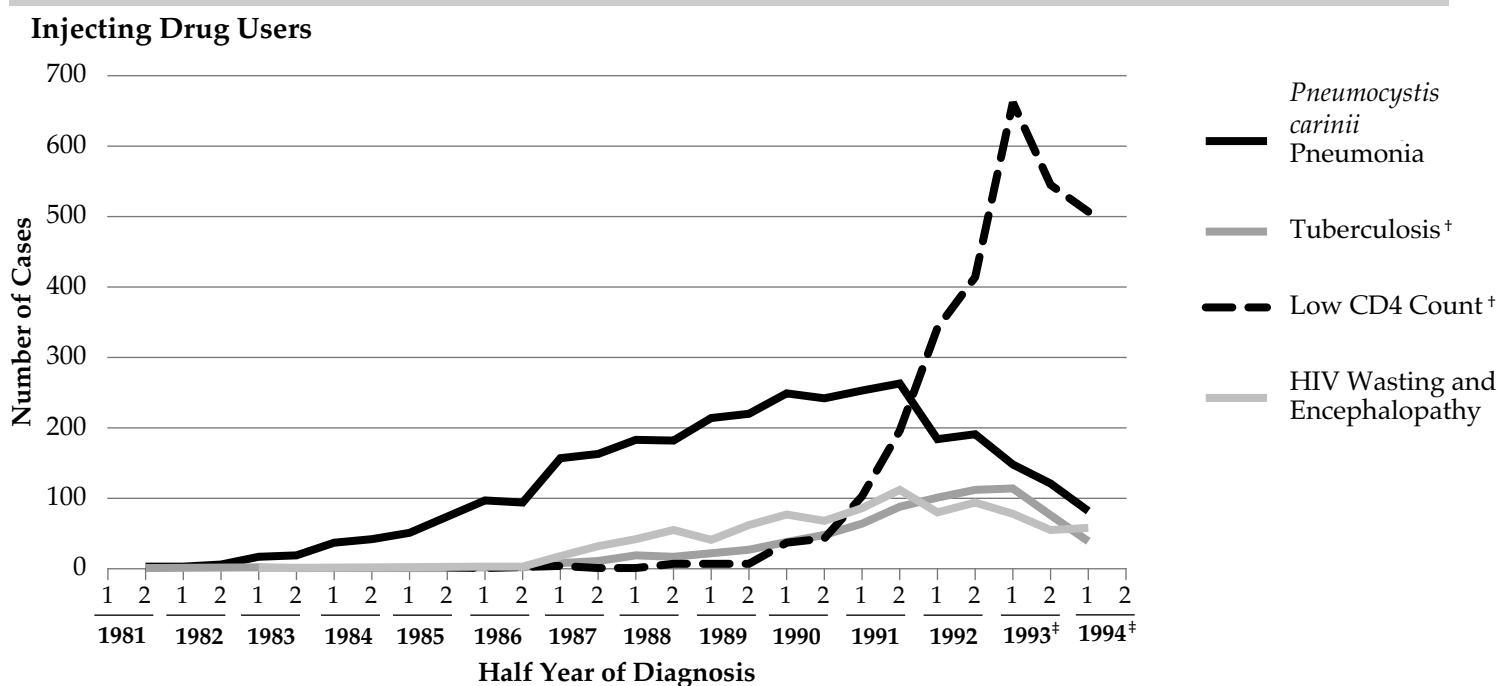
†Pulmonary tuberculosis and low CD4 count (severe immunodeficiency) were added to the AIDS case definition on January 1, 1993. Low CD4 count is defined as CD4⁺ lymphocyte count < 200/ μ l or < 14% of total lymphocytes.

‡Kaposi's sarcoma accounted for 82% of total reported AIDS-defining malignancies in males.

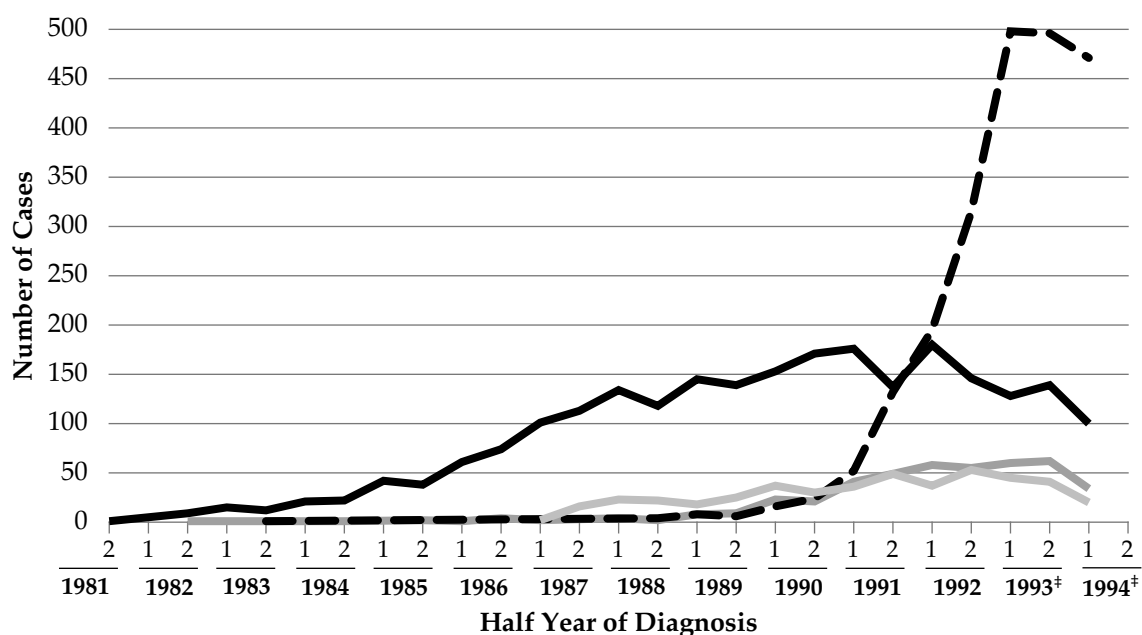
§Data for 1993 and 1994 are incomplete due to delay in case reporting.

Selected Diseases at Diagnosis* Among Adult Female AIDS Cases by Exposure Category and Half Year of Diagnosis

New York State, Through December 31, 1994



All Other Women



*Based on initial AIDS-defining condition(s); more than one condition may have been reported at time of diagnosis.

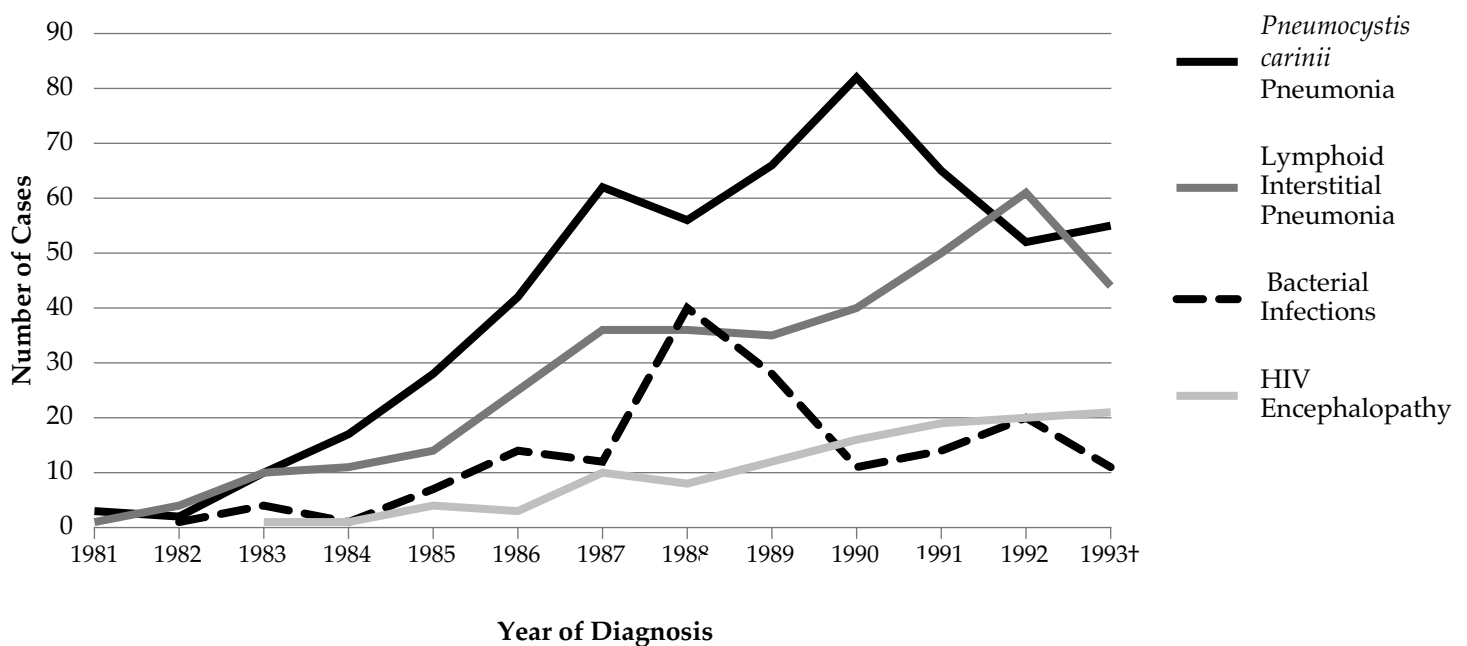
†Pulmonary tuberculosis and low CD4 count (severe immunodeficiency) were added to the AIDS case definition on January 1, 1993. Low CD4 count is defined as CD4⁺ lymphocyte count < 200/ μ l or < 14% of total lymphocytes.

‡Data for 1993 and 1994 are incomplete due to delay in case reporting.

Selected Diseases at Diagnosis* Per 100 Pediatric AIDS Cases and by Year of Diagnosis

New York State, Through December 31, 1994

	<i>Pneumocystis carinii</i> Pneumonia	Lymphoid Interstitial Pneumonia	Bacterial Infections	HIV Encephalopathy	All Other
1981	60.0	20.0	—	—	20.0
1982	22.2	44.4	11.1	—	33.3
1983	29.4	29.4	11.8	2.9	38.2
1984	38.6	25.0	2.3	2.3	38.6
1985	41.8	20.9	10.4	6.0	37.3
1986	38.9	23.1	13.0	2.8	29.6
1987	41.9	24.3	8.1	6.8	33.8
1988	30.9	19.9	22.1	4.4	38.7
1989	36.7	19.4	15.6	6.7	33.9
1990	42.3	20.6	5.7	8.2	30.9
1991	35.3	27.2	7.6	10.3	32.6
1992	25.4	29.8	9.8	9.8	41.0
1993†	32.2	25.7	6.4	12.3	38.0
1994†	32.8	17.9	7.5	13.4	38.8
Total	35.1	23.8	10.5	7.5	35.6



* Based on initial AIDS-defining condition; more than one condition may have been reported at the time of diagnosis.

† Data for 1993 and 1994 are incomplete due to delay in case reporting.

Proportion of Adult AIDS Cases* Surviving One Year by Age and Case Definition Criteria

New York State, December 31, 1994

	Pre-1993 Conditions	1993-Added Clinical Criteria [†]	1993-Added Immunologic Criterion [‡]
Total Adult Cases	59%	84%	87%
Age			
20-29	66%	89%	93%
30-39	60%	85%	89%
40+	53%	80%	82%

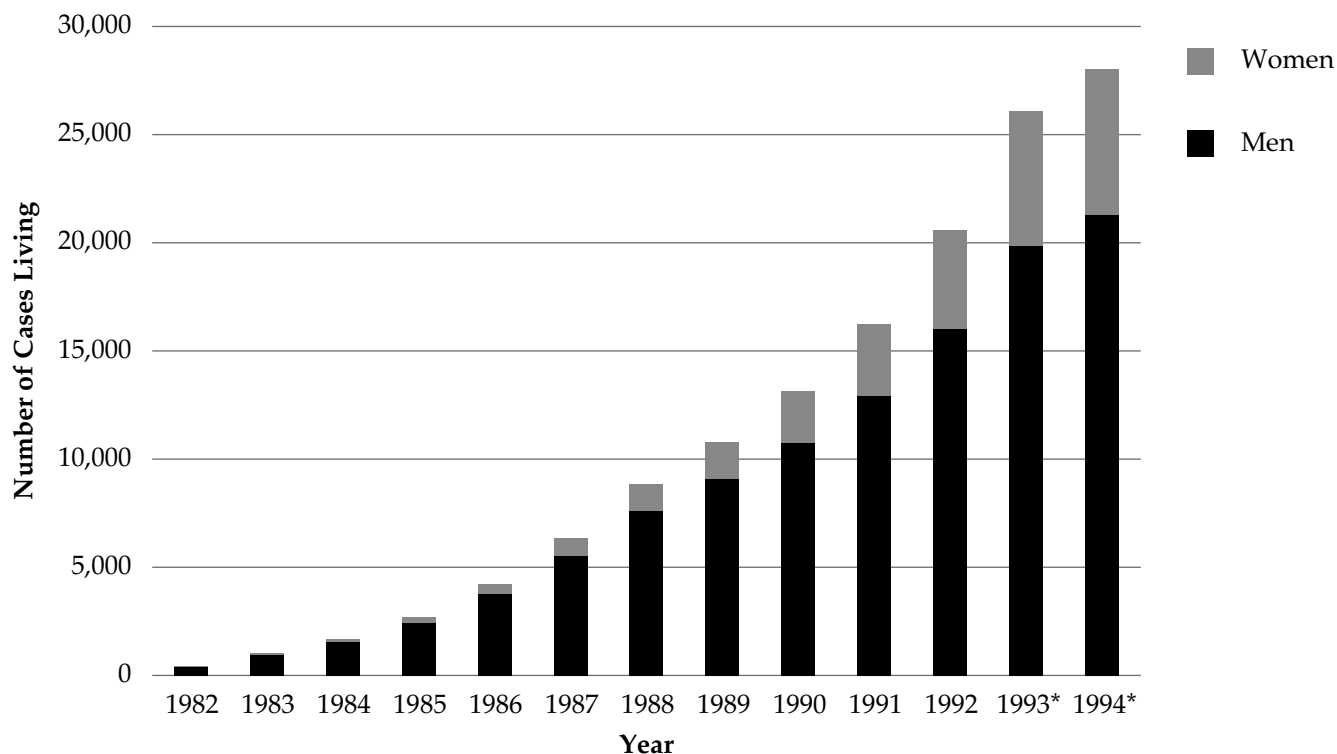
* Includes only cases diagnosed from January 1990 through June 1992. Data are conditional on at least one month survival.
These findings are considered preliminary.

[†] Pulmonary tuberculosis, recurrent pneumonia or invasive cervical cancer.

[‡] CD4⁺ lymphocyte count less than 200/ μ L or less than 14% of total lymphocytes.

AIDS Prevalence: Number of Adults Alive with AIDS at the End of Each Year, by Sex

New York State, December 31, 1994



* Data for 1993 and 1994 are incomplete due to delay in case reporting.

Mortality Among AIDS Cases by Half Year of Diagnosis

New York State, Through December 31, 1993

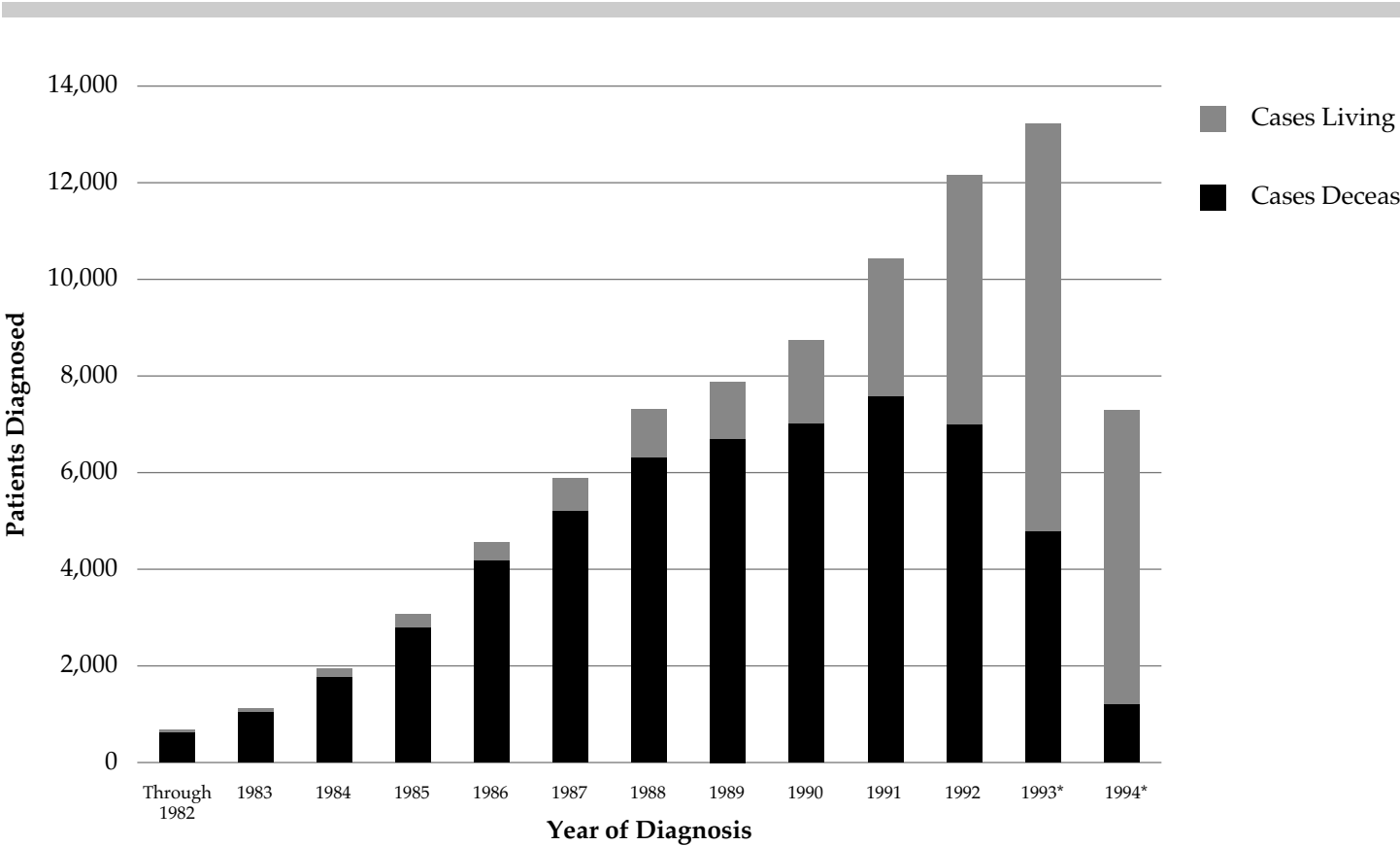
Diagnosis		Number of Cases	Number of Known Deaths Through 12/94*	Case Fatality Rate (%)
Before 1980		13	11	84.6
1980	Jan - Jun	13	11	84.6
	Jul - Dec	21	19	90.5
1981	Jan - Jun	46	42	91.3
	Jul - Dec	92	87	94.6
1982	Jan - Jun	181	171	94.5
	Jul - Dec	321	296	92.2
1983	Jan - Jun	518	487	94.0
	Jul - Dec	613	574	93.6
1984	Jan - Jun	870	793	91.1
	Jul - Dec	1,084	991	91.4
1985	Jan - Jun	1,420	1,307	92.0
	Jul - Dec	1,654	1,500	90.7
1986	Jan - Jun	2,103	1,938	92.2
	Jul - Dec	2,461	2,254	91.6
1987	Jan - Jun	2,858	2,574	90.1
	Jul - Dec	3,017	2,637	87.4
1988	Jan - Jun	3,717	3,214	86.5
	Jul - Dec	3,589	3,101	86.4
1989	Jan - Jun	3,865	3,299	85.4
	Jul - Dec	4,005	3,397	84.8
1990	Jan - Jun	4,401	3,629	82.5
	Jul - Dec	4,345	3,404	78.3
1991	Jan - Jun	5,063	3,816	75.4
	Jul - Dec	5,373	3,771	70.2
1992	Jan - Jun	5,831	3,643	62.5
	Jul - Dec	6,323	3,350	53.0
1993[†]	Jan - Jun	7,136	2,803	39.3
	Jul - Dec	6,098	1,997	32.7
1994[†]	Jan - Jun	5,323	1,062	20.0
	Jul - Dec	1,977	150	7.6
Total		84,331	56,328	66.8

* Death information is obtained from the New York State Vital Records Section and voluntary reporting of deaths of known New York State residents by other states.

† Data for 1993 and 1994 are incomplete due to delay in case reporting.

Mortality Among AIDS Patients by Year of Diagnosis

New York State, December 31, 1994



* Data for 1993 and 1994 are incomplete due to delay in case reporting.

Ranking of AIDS Among the Five Leading Causes of Death by Population Group and Age

New York State, 1993

	Age						
	<1	1 - 9	10 - 19	20 - 29	30 - 39	40 - 49	50 - 59
New York City Males							
Total	—	2	—	2	1	1	3
White	—	2	—	2	1	1	3
Black	—	2	—	2	1	1	3
Hispanic	—	2	—	2	1	1	2
New York City Females							
Total	4	1	4	1	1	2	3
White	4	1	—	1	1	2	3
Black	4	1	2*	1	1	1	3
Hispanic	4*	1	5*	1	1	1	3
Rest of State Males							
Total	—	5	—	4	1	3	—
White	—	—	—	—	1	3	—
Black	—	3	—	3	1	1	3*
Hispanic	—	4*	—	3	1	1	4
Rest of State Females							
Total	—	—	—	4	2	5	—
White	—	—	—	5	4	5*	—
Black	4*	3	—	3	1	3	—
Hispanic	—	2*	2*	1*	1	2	—

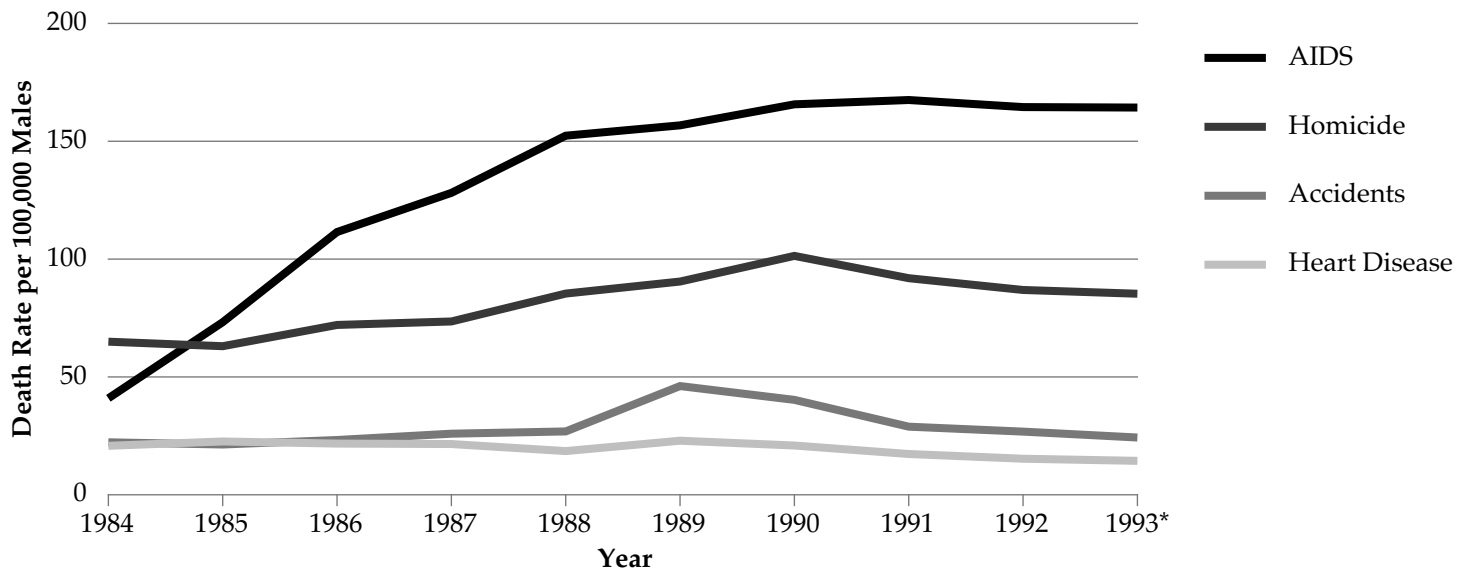
*Tie with another cause of death.

AIDS as a Leading Cause of Death

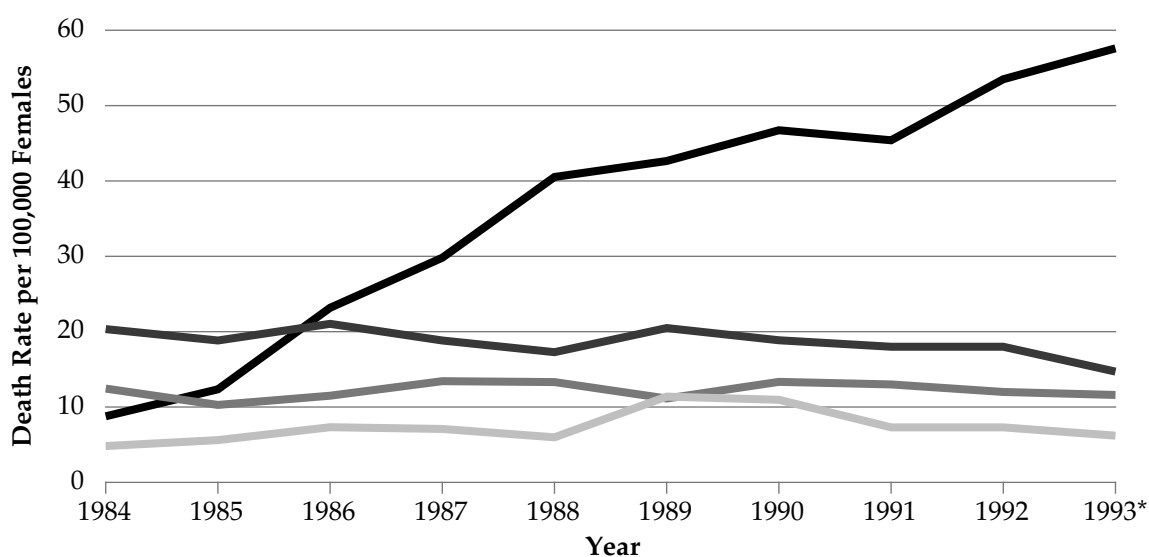
For New York City Men and Women Ages 20 -39

New York City, 1984 - 1993

New York City Males - Ages 20-39



New York City Females - Ages 20-39



* 1993 data are provisional